Yahoo Group Archive: transworld_radio

Yahoo Group summary: Transworld Radios

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2003-10-08 through 2017-03-15

Source WARC: transworld_radio.un1nGi9.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-05-09T20-45-39Z-5e318c

Messages included in this PDF: 1481

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. TW100 manual.

Yahoo group: transworld_radio
Date: 2003-10-08 20:22:20 UTC
From: Jack
Topic: 1 Message: 1

Hello Markus,

At the QRL we have a fairly sophisticated copymachine which might
be able to record the copies of the manual to disk i.s.o. paper.
So i'll see what i can do .73's Jack.
--
This message was checked by Norton Antivirus 2003.

2. Re: [transworld_radio] TW100 manual.

Yahoo group: transworld_radio
Date: 2003-10-14 18:47:54 UTC
From: Markus Baertschi
Topic: 1 Message: 2

Hi Jack,

This would be great !

How many pages are there to copy ?

You can send it to me in whatever format is easiest to work in.
I'd like to create a pdf from it and make it publicly available.

Regards Markus

P.S. Sorry for the slow replay, my deadline was last week and my
customer found more bug I'm busy fixing now...

--Original Message Text---
From: Jack
Date: Wed, 08 Oct 2003 22:22:20 +0200

Hello Markus,

At the QRL we have a fairly sophisticated copymachine which might
be able to record the copies of the manual to disk i.s.o. paper.
So i'll see what i can do .73's Jack.
--
This message was checked by Norton Antivirus 2003.

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--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

3. TW-100 Manual

Yahoo group: transworld_radio
Date: 2003-11-30 10:52:35 UTC
From: Alex Chandy
Topic: 3 Message: 3

Hi guys

Jack just alerted me to this group and I joined up right away.

The set I own, once belonged to an Embassy here in Kuwait. When they switched over to Satcomms, they junked this and gave it to Paul 9K2/N1LWO, who in turn gave it to me. Boy, is it heavy!!!

73s
Alex
9K2/VU2TXZ

PS. I have purchased a set of manuals for the TW-100 on CD Rom, which I will get during the first week of December.

4. Re: [transworld_radio] TW-100 Manual

Yahoo group: transworld_radio
Date: 2003-11-30 11:36:13 UTC
From: Markus Baertschi
Topic: 3 Message: 4

Hi Alex,

I've got mine at a local (Geneva) HAM event. They were used by the red cross in Somalia at some time. I'm in the process of interfacing the unit with my PC for PSK31. So far my interface works half way (receive). When transmitting the signal is quite distorted.

Where did you get the manuals from ?

Markus

On Sun, 30 Nov 2003 10:52:35 -0000, Alex Chandy wrote:

>Hi guys

>Jack just alerted me to this group and I joined up right away.

>The set I own, once belonged to an Embassy here in Kuwait. When
>they switched over to Satcomms, they junked this and gave it to Paul
>9K2/N1LWO, who in turn gave it to me. Boy, is it heavy!!!

>73s
>Alex
>9K2/VU2TXZ

>PS. I have purchased a set of manuals for the TW-100 on CD Rom,
>which I will get during the first week of December.

>To unsubscribe from this group, send an email to:
>transworld_radio-unsubscribe@yahoogroups.com

>

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--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

5. Re: [transworld_radio] TW-100 Manual

Yahoo group: transworld_radio
Date: 2003-11-30 11:38:50 UTC
From: Jack
Topic: 3 Message: 5

Alex,
If you can announce to the group where you bought the manual on CD-Rom it would be a great help since there are more TW100 looking for the manual.
Are you using the TW100 allready?
73's Jack
----- Oorspronkelijk bericht -----
Van: Alex Chandy
Aan: transworld_radio@yahoogroups.com
Verzonden: zondag 30 november 2003 11:52
Onderwerp: [transworld_radio] TW-100 Manual

Hi guys

Jack just alerted me to this group and I joined up right away.

The set I own, once belonged to an Embassy here in Kuwait. When they switched over to Satcomms, they junked this and gave it to Paul 9K2/N1LWO, who in turn gave it to me. Boy, is it heavy!!!

73s
Alex
9K2/VU2TXZ

PS. I have purchased a set of manuals for the TW-100 on CD Rom, which I will get during the first week of December.

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6. TW-100 microphone

Yahoo group: transworld_radio
Date: 2003-11-30 13:55:47 UTC
From: mikeferyok
Topic: 6 Message: 6

Hello everyone just joined today. I have a TW-100 coming in the mail soon but will need to find a microphone to use on it. I can wire one in just need a suggestion as to what kind of impedance it should have. Can I run my Heil HM10-5 on it?? Thanks very much. Mike

7. TW100 finals.

Yahoo group: transworld_radio
Date: 2003-11-30 15:18:50 UTC
From: ac4yk
Topic: 7 Message: 7

Anyone have a source for the PA finals on the TW100? i have about 20 watts out max. enough to check into Navy MARS.

Mr. Albert Huffman states that the 2sc2879 (NTE-470) can be used. If i look at Arrow Electronics i see:
Toshiba Corporation, 2SC2879, POWER TRANSISTOR, $28.84

But if i look at RF-PARTS, the 2sc2879 is listed with different suffixes and the price jumps accordingly.

2SC2879 15.95
2SC2879-MP MP 35.90
2SC2879-MQ MQ 71.80
2SC2879-M8 M8 143.60
2SC2879-M16 M16 287.20

which one is suitable?
Also, who knows a resource for matched pair?

joe
AC4YK
Woodstock, GA

8. TW100 Manuals

Yahoo group: transworld_radio
Date: 2003-11-30 15:30:56 UTC
From: ac4yk
Topic: 8 Message: 8

check this source:

http://www.american-milspec.com
out of Lexington, S.C.

he had some on ebay. he also has the tech manual for the TW100.

Joe
AC4YK

9. Re: TW-100 Manual

Yahoo group: transworld_radio
Date: 2003-11-30 15:47:36 UTC
From: Alex Chandy
Topic: 3 Message: 9

I bought the manuals from American-milspec, as Joe mentioned. It has yet to reach me though, as I have routed it through a mail forwarding service.

The photo of my set has been uploaded in the photos section. I have not yet put it into operation as I do not have the interconnecting cables, and have not seen the manuals yet to figure out the connections. I also do not have the microphone.

Alex

--- In transworld_radio@yahoogroups.com, "Markus Baertschi" <markus@m...> wrote:
>
> Hi Alex,
>
> I've got mine at a local (Geneva) HAM event. They were used by the red cross in
> Somalia at some time. I'm in the process of interfacing the unit with my PC for
> PSK31. So far my interface works half way (receive). When transmitting the signal
> is quite distorted.
>
> Where did you get the manuals from ?
>
> Markus
>

10. Re: [transworld_radio] TW100 finals.

Yahoo group: transworld_radio
Date: 2003-11-30 16:32:20 UTC
From: Joe Braswell
Topic: 7 Message: 10

oops...nevermind
RF-Parts 2SC2879-MP = Matched Pair

--- ac4yk <ac4yk@...> wrote:
> Anyone have a source for the PA finals on the TW100? i have about 20
> watts out max. enough to check into Navy MARS.
>
> Mr. Albert Huffman states that the 2sc2879 (NTE-470) can be used. If
> i look at Arrow Electronics i see:
> Toshiba Corporation, 2SC2879, POWER TRANSISTOR, $28.84
>
> But if i look at RF-PARTS, the 2sc2879 is listed with different
> suffixes and the price jumps accordingly.
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> 2SC2879 15.95
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> 2SC2879-MQ MQ 71.80
> 2SC2879-M8 M8 143.60
> 2SC2879-M16 M16 287.20
>
> which one is suitable?
> Also, who knows a resource for matched pair?
>
> joe
> AC4YK
> Woodstock, GA
>
>
>

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11. Re: TW-100 Manual where to buy

Yahoo group: transworld_radio
Date: 2003-11-30 17:22:33 UTC
From: mikeferyok
Topic: 3 Message: 11

Jack I bought my paper one from --- <scott@...> He
has paper (I'm not sure if I bought the last one) and CD ones as
well. Give him a shout and tell him I sent you. Thanks, Mike

transworld_radio@yahoogroups.com, Jack <pe2jv@q...> wrote:
> Alex,
> If you can announce to the group where you bought the manual on CD-
Rom it
> would be a great help since there are more TW100 looking for the
manual.
> Are you using the TW100 allready?
> 73's Jack
> ----- Oorspronkelijk bericht -----
> Van: Alex Chandy
> Aan: transworld_radio@yahoogroups.com
> Verzonden: zondag 30 november 2003 11:52
> Onderwerp: [transworld_radio] TW-100 Manual
>
>
> Hi guys
>
> Jack just alerted me to this group and I joined up right away.
>
> The set I own, once belonged to an Embassy here in Kuwait. When
> they switched over to Satcomms, they junked this and gave it to
Paul
> 9K2/N1LWO, who in turn gave it to me. Boy, is it heavy!!!
>
> 73s
> Alex
> 9K2/VU2TXZ
>
> PS. I have purchased a set of manuals for the TW-100 on CD Rom,
> which I will get during the first week of December.
>
>
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>
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> transworld_radio-unsubscribe@yahoogroups.com

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Service.

12. Re: TW-100 Manual where to buy

Yahoo group: transworld_radio
Date: 2003-11-30 17:26:11 UTC
From: mikeferyok
Topic: 3 Message: 12

--- In transworld_radio@yahoogroups.com, "mikeferyok" Hmmm.. that address did not come through maybe this will work. .....scott@..... If this still doesn't work just e-mail me and I will send you the address.

<mikeferyok@y...> wrote:
> Jack I bought my paper one from --- <scott@a...> He
> has paper (I'm not sure if I bought the last one) and CD ones as
> well. Give him a shout and tell him I sent you. Thanks, Mike
>.

13. Re: [transworld_radio] TW100 finals.

Yahoo group: transworld_radio
Date: 2003-11-30 17:26:19 UTC
From: Markus Baertschi
Topic: 7 Message: 13

On Sun, 30 Nov 2003 15:18:50 -0000, ac4yk wrote:
>Anyone have a source for the PA finals on the TW100? i have about 20
>watts out max. enough to check into Navy MARS.

How do you know this because of the finals ?
(I think I have the same problem, but have not verified it thoroughly yet.

Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

14. Re: TW100 finals.

Yahoo group: transworld_radio
Date: 2003-11-30 17:30:44 UTC
From: mikeferyok
Topic: 7 Message: 14

Yes I have a source Markus,
there is a webpage in the UK that lists some info on the radio and
they have some links. Unfortunately I can't seem to post e-mail
addresses here so you will have to contact me and I can send the URL
to you. Or just type Transworld TW100 into the Google search engine
and it will come out on top. Mike

In transworld_radio@yahoogroups.com, "Markus Baertschi"
<markus@m...> wrote:
> On Sun, 30 Nov 2003 15:18:50 -0000, ac4yk wrote:
> >Anyone have a source for the PA finals on the TW100? i have
about 20
> >watts out max. enough to check into Navy MARS.
>
> How do you know this because of the finals ?
> (I think I have the same problem, but have not verified it
thoroughly yet.
>
> Markus
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du Rossé 14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@m...
> Switzerland Homepage: www.markus.org

15. Re: TW-100 Manual where to buy

Yahoo group: transworld_radio
Date: 2003-11-30 18:25:02 UTC
From: Alex Chandy
Topic: 3 Message: 15

Scott does not have paper manuals anymore. When I contacted him he said he only had the CD - which was preferable to me. The email address you mentioned is the one I used to contact Scott.

--- In transworld_radio@yahoogroups.com, "mikeferyok" <mikeferyok@y...> wrote:
> Jack I bought my paper one from --- <scott@a...> He
> has paper (I'm not sure if I bought the last one) and CD ones as
> well. Give him a shout and tell him I sent you. Thanks, Mike
>
>

16. Datron World Commnucations

Yahoo group: transworld_radio
Date: 2003-11-30 19:31:28 UTC
From: Alex Chandy
Topic: 16 Message: 16

In my quest for a TW-100 manual, I wrote to several sources - including Datron. Everybody I wrote to had the courtesy to reply (even if it was negative) ☐ with the exception of Datron. They did not even bother to reply.

So guys, the basic message is : Fend for yourselves ☐ no help is forthcoming from the present owner of the Transworld name.

Alex.

17. Re: TW-100 microphone

Yahoo group: transworld_radio
Date: 2003-12-01 17:54:18 UTC
From: ph0dx
Topic: 6 Message: 17

Hello Mike,

Microphone input is specified as:

150 Ohms, VOGAD for constant audio level,

I use an 150 Ohm microphone but changed the VOGAD gain,
by cutting lose on end of R40.

73 de PH0DX,
Lourens.

--- In transworld_radio@yahoogroups.com, "mikeferyok"
<mikeferyok@y...> wrote:
> Hello everyone just joined today. I have a TW-100 coming in the
mail
> soon but will need to find a microphone to use on it. I can wire
one
> in just need a suggestion as to what kind of impedance it should
> have. Can I run my Heil HM10-5 on it?? Thanks very much. Mike

18. New Photomap PH0DX

Yahoo group: transworld_radio
Date: 2003-12-01 18:15:04 UTC
From: ph0dx
Topic: 18 Message: 18

Hello All,

Just made an new map in section Photos called PH0DX,
added some pictures of my modified TW-100,
I had to place the processor board to the other side
to get rid of heavy interference from the board after
removing mute line from M1 Module.
At 14.225 Mhz verry loud.

73 de PH0DX,
Lourens.

19. Output power control.

Yahoo group: transworld_radio
Date: 2003-12-01 19:54:28 UTC
From: Jack
Topic: 19 Message: 19

Is there a way to control the output power of the TW100?
Surely not by adjusting R16 on the M7 board (ALC)!

--
This message was checked by Norton Antivirus 2003.

20. Re: [transworld_radio] Output power control.

Yahoo group: transworld_radio
Date: 2003-12-01 21:07:49 UTC
From: Markus Baertschi
Topic: 19 Message: 20

Mine has got a 10W/125W power switch on the front panel. But I do not have schematics and don't know what the switch does.

Markus

--Original Message Text---
From: Jack
Date: Mon, 01 Dec 2003 20:54:28 +0100

Is there a way to control the output power of the TW100?
Surely not by adjusting R16 on the M7 board (ALC)!

--
This message was checked by Norton Antivirus 2003.

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Bas du Rossé 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

21. Easy way to get LSB on TW-100

Yahoo group: transworld_radio
Date: 2003-12-01 21:34:22 UTC
From: ph0dx
Topic: 21 Message: 21

Hello,

If you want LSB on a USB only TW-100,
change 1650 KHz Xtal in M1 Module to
a 1647 KHz one.

I use a Rf-generator now and it is working 100%.

A lot easier then getting the M2 Module changed
to work with LSB(6 expensive XTals)..

73 de PH0DX,
Lourens.

22. Just received my TW-100 and it has EC-01 on the display????

Yahoo group: transworld_radio
Date: 2003-12-03 21:55:44 UTC
From: mikeferyok
Topic: 22 Message: 22

What does this mean? It doesn't seem to receive anything either. I get an AC hum coming out of the speaker and a very low level of audio and tuned to a popular CB freq (27.385) I don't pick up anything. Any help would be appreciated. Mike

23. Another Question how to convert from 220 to 110V

Yahoo group: transworld_radio
Date: 2003-12-03 23:40:54 UTC
From: mikeferyok
Topic: 23 Message: 23

It seem simple enough, what wires do I have to move around on the transformer to convert my 220volt model to a 110 volt US standard. I'm still waiting on my manuals and there are only two wires to move so if someone knows please let me know what posts to solder them to. Thanks, Mike

24. Re: Another Question how to convert from 220 to 110V

Yahoo group: transworld_radio
Date: 2003-12-04 19:26:37 UTC
From: ph0dx
Topic: 23 Message: 24

Hello Mike,

I have the Manuals..(TW-100 and ATU-100)
I will scan the Power transformer connections for you
and place them in my Photo section (Photos/PH0DX)

73 de PH0DX,
Lourens.

--- In transworld_radio@yahoogroups.com, "mikeferyok"
<mikeferyok@y...> wrote:
> It seem simple enough, what wires do I have to move around on the
> transformer to convert my 220volt model to a 110 volt US standard.
> I'm still waiting on my manuals and there are only two wires to
move
> so if someone knows please let me know what posts to solder them
to.
> Thanks, Mike

25. Re: Another Question how to convert from 220 to 110V

Yahoo group: transworld_radio
Date: 2003-12-04 23:07:37 UTC
From: forest785
Topic: 23 Message: 25

-Thanks Lourens, I really appreciate it. I'm hoping to get it operational this weekend. Mike

-- In transworld_radio@yahoogroups.com, "ph0dx" <ph0dx@y...> wrote:
> Hello Mike,
>
> I have the Manuals..(TW-100 and ATU-100)
> I will scan the Power transformer connections for you
> and place them in my Photo section (Photos/PH0DX)
>
> 73 de PH0DX,
> Lourens.
>
>
>

26. Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-04 23:53:26 UTC
From: mikeferyok
Topic: 23 Message: 26

Lourens, I was able to rewire the transformer in a couple of minutes thanks to you. It powers up but the audio is very quiet and I still can't receive any stations, even my other radio is only very faintly heard even at 300 watts and the antenna being only 20 feet away!
Does the microphone have to be connected to hear audio from the speaker???
I haven't a clue as to how to operate this in case you didn't notice. My manuals haven't come in yet but should next week at the latest. TIA. Mike

> Hello Mike,
>
> I have the Manuals..(TW-100 and ATU-100)
> I will scan the Power transformer connections for you
> and place them in my Photo section (Photos/PH0DX)
>
> 73 de PH0DX,
> Lourens.
>
, Mike

27. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-05 17:34:15 UTC
From: ph0dx
Topic: 23 Message: 27

Hello Mike

The mic does not have to be connected to get audio from the speaker.

The set should give audio to the internal speaker if:
a. The SPEAKER switch is placed in the ON (up) position.
b. The SQUELCH switch is placed in the OFF (down) position.
c. There is no 6.3 mm jack in the connector next to the mic connector.

What happened to your EC-01 failure is it gone or is it still in your display, i have looked in the manuals but could not find nothing about it..

73 de PH0DX,
Lourens.

--- In transworld_radio@yahoogroups.com, "mikeferyok" <mikeferyok@y...> wrote:
> Lourens, I was able to rewire the transformer in a couple of minutes
> thanks to you. It powers up but the audio is very quiet and I still
> can't receive any stations, even my other radio is only very faintly
> heard even at 300 watts and the antenna being only 20 feet away!
> Does the microphone have to be connected to hear audio from the
> speaker???
> I haven't a clue as to how to operate this in case you didn't
> notice. My manuals haven't come in yet but should next week at the
> latest. TIA. Mike
>
> > Hello Mike,
> >
> > I have the Manuals..(TW-100 and ATU-100)
> > I will scan the Power transformer connections for you
> > and place them in my Photo section (Photos/PH0DX)
> >
> > 73 de PH0DX,
> > Lourens.
> >
> , Mike

28. Re: [transworld_radio] TW100 finals.

Yahoo group: transworld_radio
Date: 2003-12-05 20:26:32 UTC
From: Joe Braswell
Topic: 7 Message: 28

Before replacing the finals the maximum power indicated was 20 Watts. Even when adjusting the ALC potentiometer the output was always 20 Watts.

I received the 2SC2879 matched pair in today. I replaced the finals. My first test indicated 40 Watts output. I adjusted the ALC potentiometer on the bottom of the main board for maximum output and obtained 200 Watts as indicated on power meter. I then adjusted the ALC provide 100 Watts optimum output. Although the ALC potentiometer can be adjusted to provide up to 200 Watts output it is advisable to keep it around 100 Watts to ensure long life.

I am happy for the moment. :-)

Joe
AC4YK
Near Atlanta, Georgia

--- Markus Baertschi <markus@...> wrote:
> On Sun, 30 Nov 2003 15:18:50 -0000, ac4yk wrote:
> >Anyone have a source for the PA finals on the TW100? i have about
> 20
> >watts out max. enough to check into Navy MARS.
>
> How do you know this because of the finals ?
> (I think I have the same problem, but have not verified it thoroughly
> yet.
>
> Markus
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du Ross? 14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>
>
>

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29. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-06 00:29:08 UTC
From: forest785
Topic: 23 Message: 29

Well I have the switches configured that way and all I get is a very quiet level of static and when I transmit to the indicated frequency I can barely hear the transmission.
If I turn on the radio with the switch labeled TC/SC in the TC position it shows the EC-o1 and makes some contiuous relay sounds.
I really hope I can get to the bottom of this. Mike

--- In transworld_radio@yahoogroups.com, "ph0dx" <ph0dx@y...> wrote:
> Hello Mike
>
> The mic does not have to be connected to get audio from the
speaker.
>
> The set should give audio to the internal speaker if:
> a. The SPEAKER switch is placed in the ON (up) position.
> b. The SQUELCH switch is placed in the OFF (down) position.
> c. There is no 6.3 mm jack in the connector next to the mic
> connector.
>
> What happened to your EC-01 failure is it gone or is it still in
> your display, i have looked in the manuals but could not find
> nothing about it..
>
> 73 de PH0DX,
> Lourens.
>
>
>
> --- In transworld_radio@yahoogroups.com, "mikeferyok"
> <mikeferyok@y...> wrote:
> > Lourens, I was able to rewire the transformer in a couple of
> minutes
> > thanks to you. It powers up but the audio is very quiet and I
still
> > can't receive any stations, even my other radio is only very
> faintly
> > heard even at 300 watts and the antenna being only 20 feet away!
> > Does the microphone have to be connected to hear audio from the
> > speaker???
> > I haven't a clue as to how to operate this in case you didn't
> > notice. My manuals haven't come in yet but should next week at
the
> > latest. TIA. Mike
> >
> > > Hello Mike,

> > >
> > > I have the Manuals..(TW-100 and ATU-100)
> > > I will scan the Power transformer connections for you
> > > and place them in my Photo section (Photos/PH0DX)
> > >
> > > 73 de PH0DX,
> > > Lourens.
> > >
> > , Mike

30. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-06 20:53:28 UTC
From: ph0dx
Topic: 23 Message: 30

Hello Mike,

Perhaps it has something to do with the Transcall (TC),
selcall (SC) option fitted in your transceiver,
I have an transceiver without options so i can't
tell you anything about TC/SC..
I looked in the manual it should recieve when swith is placed
in SC position..

I think you can live without this option (who uses selcall ??)
But you really need the manuals to remove the module..
I don't know if you only have to remove the connector from this module
to get rid of this option.

73 de PH0DX,
Lourens.

--- In transworld_radio@yahoogroups.com, "forest785" <forest785@y...>
wrote:
> Well I have the switches configured that way and all I get is a
very
> quiet level of static and when I transmit to the indicated
frequency
> I can barely hear the transmission.
> If I turn on the radio with the switch labeled TC/SC in the TC
> position it shows the EC-o1 and makes some contiuous relay sounds.
> I really hope I can get to the bottom of this. Mike
>
>
> --- In transworld_radio@yahoogroups.com, "ph0dx" <ph0dx@y...> wrote:
> > Hello Mike
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> > The mic does not have to be connected to get audio from the
> speaker.
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> > The set should give audio to the internal speaker if:
> > a. The SPEAKER switch is placed in the ON (up) position.
> > b. The SQUELCH switch is placed in the OFF (down) position.
> > c. There is no 6.3 mm jack in the connector next to the mic
> > connector.
> >
> > What happened to your EC-01 failure is it gone or is it still in
> > your display, i have looked in the manuals but could not find
> > nothing about it..
> >
> > 73 de PH0DX,

> > Lourens.
> >
> >
> >
> > --- In transworld_radio@yahoogroups.com, "mikeferyok"
> > <mikeferyok@y...> wrote:
> > > Lourens, I was able to rewire the transformer in a couple of
> > minutes
> > > thanks to you. It powers up but the audio is very quiet and I
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> > > can't receive any stations, even my other radio is only very
> > faintly
> > > heard even at 300 watts and the antenna being only 20 feet
away!
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the
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> > > > Hello Mike,
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> > > > I have the Manuals..(TW-100 and ATU-100)
> > > > I will scan the Power transformer connections for you
> > > > and place them in my Photo section (Photos/PH0DX)
> > > >
> > > > 73 de PH0DX,
> > > > Lourens.
> > > >
> > > , Mike

31. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-07 18:24:06 UTC
From: mikeferyok
Topic: 23 Message: 31

Well Lourens I will definitely have to check that out when I get my
manuals otherwise I will have to find a professional who has
experience in these radios which I think will be very difficult
indeed. Again, thank you. Mike
-- In transworld_radio@yahoogroups.com, "ph0dx" <ph0dx@y...> wrote:
> Hello Mike,
>
> Perhaps it has something to do with the Transcall (TC),
> selcall (SC) option fitted in your transceiver,
> I have an transceiver without options so i can't
> tell you anything about TC/SC..
> I looked in the manual it should recieve when swith is placed
> in SC position..
>
> I think you can live without this option (who uses selcall ??)
> But you really need the manuals to remove the module..
> I don't know if you only have to remove the connector from this
module
> to get rid of this option.
>
> 73 de PH0DX,
> Lourens.
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> > If I turn on the radio with the switch labeled TC/SC in the TC
> > position it shows the EC-o1 and makes some contiuous relay
sounds.
> > I really hope I can get to the bottom of this. Mike
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> > > > > Hello Mike,
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> > > > > I have the Manuals..(TW-100 and ATU-100)
> > > > > I will scan the Power transformer connections for you
> > > > > and place them in my Photo section (Photos/PH0DX)
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> > > > > 73 de PH0DX,
> > > > > Lourens.
> > > > >
> > > > , Mike

32. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-08 16:33:59 UTC
From: ph0dx
Topic: 23 Message: 32

Hello Mike,

I don't think you need a professional,if you have some measuring
equipment, an oscilloscope should do the job for the receiver side..
If you have one i will scan the parts of the schematics for you
if you know how to read schematics.

It is a verry straitforward set, if your PLL circuits work and the
VCO's are locked at the desired frequencies i don't see any problems..

73 de PH0DX,
Lourens.

--- In transworld_radio@yahoogroups.com, "mikeferyok"
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> Well Lourens I will definitely have to check that out when I get my
> manuals otherwise I will have to find a professional who has
> experience in these radios which I think will be very difficult
> indeed. Again, thank you. Mike
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> > I have an transceiver without options so i can't
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> > I think you can live without this option (who uses selcall ??)
> > But you really need the manuals to remove the module..
> > I don't know if you only have to remove the connector from this
> module
> > to get rid of this option.
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> > 73 de PH0DX,
> > Lourens.
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> > > > > > 73 de PH0DX,
> > > > > > Lourens.
> > > > > >
> > > > > , Mike

33. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-08 19:56:22 UTC
From: mikeferyok
Topic: 23 Message: 33

Hmmm, well I have an oscilloscope and the manuals should be here
within a couple of days so I can start tracing it down. I was
thinking it might be in the audio amplifier section but I really am
just guessing at this point. Mike

--- In transworld_radio@yahoogroups.com, "ph0dx" <ph0dx@y...> wrote:
> Hello Mike,
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> I don't think you need a professional,if you have some measuring
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> If you have one i will scan the parts of the schematics for you
> if you know how to read schematics.
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> It is a verry straitforward set, if your PLL circuits work and the
> VCO's are locked at the desired frequencies i don't see any
problems..
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> 73 de PH0DX,
> Lourens.
>
>
>
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> <mikeferyok@y...> wrote:
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> > > --- In transworld_radio@yahoogroups.com, "forest785"
> > <forest785@y...>
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> > > > > > > 73 de PH0DX,
> > > > > > > Lourens.
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> > > > > , Mike

34. TW-9000 for sale on E-bay

Yahoo group: transworld_radio
Date: 2003-12-08 19:57:27 UTC
From: mikeferyok
Topic: 34 Message: 34

Hey everybody there is a brand new data terminal for sale on ebay for the tw-100 for about 200 dollars if anyone is interested in it. Mike

35. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2003-12-09 21:05:18 UTC
From: ph0dx
Topic: 23 Message: 35

Hello Mike,

The Audio amplifier is located in module M1,
this is the most left module of your transceiver (looking at the
front).

Perhaps your squelch line or mute line is pulled LOW by
the transcall/sellcall module,
You can easy remove this lines from the connector:

Squelch line is number 6
Mute line is number 17

Connector of M1:

1 GND
2 MIC GND
3 MIC
4 +12V
5 R+ (High when recieve)
6 SQUELCH
7 SPEAKER
8 AUDIO GAIN
9 CLARIFIER A
10 CLARIFIER B

11 GND
12 RX AUDIO (UN SQUELCHED)
13 TX AUDIO
14 TX AUDIO
15 CW TONE
16 ANT TUNER TONE
17 MUTE
18 CW MIC IN
19 TUNE UNBAL
20 RX AUDIO (SQUELCHED)

counting from left to right, top then bottom side of the connector,

Look also in the Files section of this Group.

73 de PH0DX,
Lourens

--- In transworld_radio@yahoogroups.com, "mikeferyok"
<mikeferyok@y...> wrote:
> Hmmm, well I have an oscilloscope and the manuals should be here

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> > It is a verry straitforward set, if your PLL circuits work and
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> > VCO's are locked at the desired frequencies i don't see any
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> > > > > > > > 73 de PH0DX,
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> > > > > > > , Mike

36. TW-100 still dead...

Yahoo group: transworld_radio
Date: 2003-12-10 02:23:56 UTC
From: Mike
Topic: 23 Message: 36

```
Well I'll give it a try, I'm trying to exchange it
with the company I bought it from. It was supposed to
be in operational condition. Mike
--- ph0dx <ph0dx@...> wrote:
> Hello Mike,
>
> The Audio amplifier is located in module M1,
> this is the most left module of your transceiver
> (looking at the
> front).
>
> Perhaps your squelch line or mute line is pulled LOW
> by
> the transcall/sellcall module,
> You can easy remove this lines from the connector:
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> Squelch line is number 6
> Mute line is number 17
>
> Connector of M1:
>
> 1 GND
> 2 MIC GND
> 3 MIC
> 4 +12V
> 5 R+ (High when recieve)
> 6 SQUELCH
> 7 SPEAKER
> 8 AUDIO GAIN
> 9 CLARIFIER A
> 10 CLARIFIER B
>
> 11 GND
> 12 RX AUDIO (UN SQUELCHED)
> 13 TX AUDIO
> 14 TX AUDIO
> 15 CW TONE
> 16 ANT TUNER TONE
> 17 MUTE
> 18 CW MIC IN
> 19 TUNE UNBAL
> 20 RX AUDIO (SQUELCHED)
>
>
>
```

> counting from left to right, top then bottom side of
> the connector,
>
> Look also in the Files section of this Group.
>
> 73 de PH0DX,
> Lourens
>
>
>
>
> --- In transworld_radio@yahoogroups.com,
> "mikeferyok"
> <mikeferyok@y...> wrote:
> > Hmmm, well I have an oscilloscope and the manuals
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> when swith is placed
> > > > > in SC position..
> > > > > >
> > > > > I think you can live without this option
> (who uses selcall ??)
> > > > > But you really need the manuals to remove
> the module..
> > > > > I don't know if you only have to remove the
> connector from
> this
> > > > > module
> > > > > to get rid of this option.
> > > > > >
> > > > > 73 de PH0DX,
> > > > > Lourens.
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > --- In transworld_radio@yahoogroups.com,
> "forest785"
> > > > <forest785@y...>
> > > > > wrote:

> > > > > > Well I have the switches configured that
> way and all I get
> is
> > a
> > > > > very
> > > > > > quiet level of static and when I transmit
> to the indicated
> > > > > frequency
> > > > > > I can barely hear the transmission.
> > > > > > If I turn on the radio with the switch
> labeled TC/SC in
> the
> > TC
> > > > > > position it shows the EC-o1 and makes some
> contiuous relay
> > > > sounds.
> > > > > > I really hope I can get to the bottom of
> this. Mike
> > > > > >
> > > > > >
> > > > > > --- In transworld_radio@yahoogroups.com,
> "ph0dx"
> <ph0dx@y...>
> > > > wrote:
> > > > > > > Hello Mike
> > > > > > >
> > > > > > > The mic does not have to be connected to
> get audio from
> the
> > > > > > speaker.
> > > > > > >
> > > > > > > The set should give audio to the
> internal speaker if:
> > > > > > > a. The SPEAKER switch is placed in the
> ON (up) position.
> > > > > > > b. The SQUELCH switch is placed in the
> OFF (down)
> position.
> > > > > > > c. There is no 6.3 mm jack in the
> connector next to the
> mic
> > > > > > connector.
> > > > > >
> > > > > > What happened to your EC-01 failure is
> it gone or is it
> > still
> > > > in
> > > > > > your display, i have looked in the
> manuals but could not
> > find

> > > > > > > nothing about it..
> > > > > > >
> > > > > > > 73 de PH0DX,
> > > > > > > Lourens.
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > --- In transworld_radio@yahoogroups.com,
> "mikeferyok"
> > > > > > > <mikeferyok@y...> wrote:
> > > > > > > > Lourens, I was able to rewire the
> transformer in a
> couple
> > > of
> > > > > > > minutes
> > > > > > > > thanks to you. It powers up but the
> audio is very quiet
> > and
> > > > I
> > > > > > still
> > > > > > > > can't receive any stations, even my
> other radio is only
> > > very
> > > > > > > faintly
> > > > > > > > heard even at 300 watts and the
> antenna being only 20
> > feet
> > > > > away!
> > > > > > > > Does the microphone have to be
> connected to hear audio
> > > from
> > > > > the
> > > > > > > > speaker???
> > > > > > > > I haven't a clue as to how to operate
> this in case you
> > > > didn't
> > > > > > > > notice. My manuals haven't come in yet
> but should next
> > week
> > > > at
> > > > > > the
> > > > > > > > latest. TIA. Mike
> > > > > > >
> > > > > > > > Hello Mike,
> > > > > > >
> > > > > > > > I have the Manuals..(TW-100 and
> ATU-100)
> > > > > > > > I will scan the Power transformer
> connections for you
> > > > > > > > and place them in my Photo section

> (Photos/PH0DX)
> > > > > > > > >
> > > > > > > > > 73 de PH0DX,
> > > > > > > > > Lourens.
> > > > > > > > >
> > > > > > > > , Mike
>
>

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
http://photos.yahoo.com/

37. HAPPY HOLIDAYS

Yahoo group: transworld_radio
Date: 2003-12-24 21:26:52 UTC
From: Alex Chandy
Topic: 37 Message: 37

MERRY CHRISTMAS & A HAPPY NEW YEAR TO YOU ALL

73
ALEX

38. Thanks and a Merry Christmas to you too

Yahoo group: transworld_radio
Date: 2003-12-26 14:23:55 UTC
From: mikeferyok
Topic: 38 Message: 38

I hope you are all well and staying warm!

39. Installed new PA transistors and only have 20 watts out.

Yahoo group: transworld_radio
Date: 2004-01-18 20:21:19 UTC
From: mikeferyok
Topic: 39 Message: 39

Hello everyone, The company I bought my first TW100 from sent me another one with a microphone and it worked but only put out 1.5 watts. I installed a new matching set of PA transistors. While the power output is substantially increased I can't change it with the ALC control. Any ideas?n BTW it is a 12 volt model.
Mike

40. FOR AUCTION: TW100

Yahoo group: transworld_radio
Date: 2004-02-03 15:04:31 UTC
From: Joe Braswell
Topic: 37 Message: 40

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3076001215&indexURL=2#ebayphotohosting

_____
Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!
http://webhosting.yahoo.com/ps/sb/

41. Re: Just got the General ticket want to get this radio online

Yahoo group: transworld_radio
Date: 2004-04-25 11:06:51 UTC
From: Markus Baertschi
Topic: 41 Message: 41

mikeferyok wrote:

>Hello Markus,
> I just passed my code test here and received my General
>license and want to get my TW 100's up and running. It seems like
>the board is dead.
> My question to you is: Are there any less expensive alternatives to
>the stock power transistors? I don't mind if it doesn't put out the
>full 100 watts if it can save me some money.
> Thanks, Mike - KC8ZNW
>
>
>
>
>
>

Hello Mike,

I'not yet tried to change my power transistors although the unit
transmits only around 5-10W.
But I don't have the schematics (do you have them ?).
In most cases you can substitute transistors with equivalent ones as
long as they have the
same or better value (power, amps, voltage, gain, etc.).

While looking around I saw a message from you in mid january where you
say you replaced
the transistors. Was this operation unsuccessful ?

The activity on the mailing-list died down quite a bit, Personally I was
just too busy at
work and home (daughter has is 16 months old now) to do much HAM stuff...

Markus

42. It's official. Andamans & Nicobar (VU4) is being acrtivated

Yahoo group: transworld_radio
Date: 2004-11-19 18:26:09 UTC
From: Alex Chandy
Topic: 42 Message: 42

Subject: NIAR team for VU4Dxpedition
Date: November 19, 2004

Dear Hams

Seasons Greetings.

We are happy to inform you that "A Special permission of Ministry of Communications and Information Technology, Department of Telecommunication is accorded on 19th November, 2004 to Mrs.D.Bharathi Prasad, VU2RBI (Team Leader) along with Mr.D.N.Prasad, VU2DBP, Mr.D.S.Varun Sastry, VU3DVS, Mr.S.Ram Mohan, VU2MYH & Mr.R.Sarath Babu, VU3RSB respectively to use special callsigns VU4NRO & VU4RBI and shift their location to Andaman & Nicobar Islands from 3 December 2004."

The Chairman, Governing Council & Members of NIAR & Hams wish the members of Andaman Dxpedition team a grand success.

For Dxpedition News / Site will be updated in www.niar.org

All correspondence related to this Expedition to niarvu4@g...

73s
D.Bharathi Prasad, VU2RBI
Chief Co-ordinator, NIAR
&
VU2TXZ

43. selling TW100F

Yahoo group: transworld_radio
Date: 2005-02-16 20:40:41 UTC
From: albeham2001
Topic: 43 Message: 43

Hello I am selling my TW100F with manual.
email me at albeham@... if you would like to know more. I
am heading to GA hamfest at the end of the month..
AL

44. Re: [transworld_radio] selling TW100F

Yahoo group: transworld_radio
Date: 2005-02-16 23:40:10 UTC
From: Mike
Topic: 43 Message: 44

Hello Al,
How much are you looking to get for it? I
already have two of them but neither of them has any
audio output or signal. I tried replacing the final PA
transistors but that only worked for about half an
hour. Then nothing. I need an tech experienced in
these radios. Mike

--- albeham2001 <albeham2001@...> wrote:

>
> Hello I am selling my TW100F with manual.
> email me at albeham@... if you would like
> to know more. I
> am heading to GA hamfest at the end of the month..
> AL
>
>
>
>
>

Do you Yahoo!?
Meet the all-new My Yahoo! - Try it today!
http://my.yahoo.com

45. new to group

Yahoo group: transworld_radio
Date: 2005-03-21 02:09:08 UTC
From: Arthur Kuhns
Topic: 45 Message: 45

Hello all, I am an owner of a RT100, The military version of the TW100.
I love this radio. The only bummer so far is the RT100 does not CW capability.
I am glad to be a member of the group. Looking forward to hearing from you all.
Art KK6PJ

46. re this group

Yahoo group: transworld_radio
Date: 2005-03-21 08:00:10 UTC
From: omega2002000
Topic: 46 Message: 46

this has been needed for some while.Well done.

47. Transworld 2m Repeater

Yahoo group: transworld_radio
Date: 2005-04-12 03:57:29 UTC
From: vk4ajo
Topic: 47 Message: 47

Hello,
Our club has a Transworld repeater on 2m. We have been trying to
get a schematic for help with future serviceing. Does anyone on this
group have any suggestion where we might find it.
Thank you for any help.
Cheers
Jim

48. TW 100

Yahoo group: transworld_radio
Date: 2005-04-23 17:11:10 UTC
From: Larry
Topic: 48 Message: 48

Have access to one and trying to get information about it, such as the pinouts of the D 9 connectors on the back pannel.

Trying to get it out of Mode 1 (locked) so that I can reprogram the channels.

How does one reduce output from the front while using a manual antenna tuner?? Is that on one of the pins?

There is a site with some information and suggestions for modifications, run, I think, by Keith, but I have misplaced the address, does anyone have it handy?

49. TW100

Yahoo group: transworld_radio
Date: 2005-04-23 17:21:35 UTC
From: Larry
Topic: 49 Message: 49

Here I go answering my own questions!

Found the link to Keith in the LINKS section DUH!

He says need to be in Mode 1 to programm, how do I change modes? The DIP SW has #2 and #3 on, all others off. Channels still locked I think, any other ideas? Is there a table of switch positions?Larry

N3HLL

50. Re: [transworld_radio] TW 100

Yahoo group: transworld_radio
Date: 2005-04-23 18:14:36 UTC
From: arthur kuhns
Topic: 48 Message: 50

Larry I think I can help with some of your questions.
First the Keith's website address is:
http://www.tr15.freeserve.co.uk/index.htm
I have a manual with pin outs I will look them up and send them to you.
My Radio is the military version the RT100 and it has a low power switch on the front I am unfamiliar with the TW100 version. May another can help with that.

Art KK6PJ

----- Original Message -----
From: Larry
To: transworld_radio@yahoogroups.com
Sent: Saturday, April 23, 2005 10:11 AM
Subject: [transworld_radio] TW 100

Have access to one and trying to get information about it, such as the pinouts of the D 9 connectors on the back pannel.

Trying to get it out of Mode 1 (locked) so that I can reprogram the channels.

How does one reduce output from the front while using a manual antenna tuner?? Is that on one of the pins?

There is a site with some information and suggestions for modifications, run, I think, by Keith, but I have misplaced the address, does anyone have it handy?

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/transworld_radio/

b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

51. Re: [transworld_radio] TW 100

Yahoo group: transworld_radio
Date: 2005-04-24 01:42:19 UTC
From: arthur kuhns
Topic: 48 Message: 51

Larry, I need your personal email address for the size of the file exceeds this posting limit. My email was returned to me undeliverable.
Larry I scanned off 5 pages in PDF of the manual that covers the pin outs of all the J connectors and the Mode selection.
Let me know if you have other needs
Art KK6PJ
email arthurkuhns@...
----- Original Message -----
From: Larry
To: transworld_radio@yahoogroups.com
Sent: Saturday, April 23, 2005 10:11 AM
Subject: [transworld_radio] TW 100

Have access to one and trying to get information about it, such as the pinouts of the D 9 connectors on the back pannel.

Trying to get it out of Mode 1 (locked) so that I can reprogram the channels.

How does one reduce output from the front while using a manual antenna tuner?? Is that on one of the pins?

There is a site with some information and suggestions for modifications, run, I think, by Keith, but I have misplaced the address, does anyone have it handy?

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/transworld_radio/

b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

52. Re: [transworld_radio] TW 100

Yahoo group: transworld_radio
Date: 2005-04-25 06:04:14 UTC
From: Markus Baertschi
Topic: 48 Message: 52

arthur kuhns wrote:
> Larry, I need your personal email address for the size of the file
> exceeds this posting limit. My email was returned to me undeliverable.
> Larry I scanned off 5 pages in PDF of the manual that covers the pin
> outs of all the J connectors and the Mode selection.
> Let me know if you have other needs
> Art KK6PJ

Hi Art,

I'd like a copy of that PDF too to put it up on the Yahoo page and for
my own reference.

Markus
--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

54. Re: [transworld_radio] Looking for DC power plug

Yahoo group: transworld_radio
Date: 2005-04-26 14:16:35 UTC
From: arthur kuhns
Topic: 54 Message: 54

You may have already tried Mouser for you plug. If you have disregard. I do not have any other ideas.
Art KK6PJ
----- Original Message -----
From: wb0qna2000
To: transworld_radio@yahoogroups.com
Sent: Monday, April 25, 2005 6:01 PM
Subject: [transworld_radio] Looking for DC power plug

Does anyone know where I can get a DC power plug for a early TW100?
This is the very earliest model TW100, about 1985, with 4 knobs on the
front panel and no toggle switches. The 2 accessory connectors and
the DC power on the back are white nylon connectors. I cannot match
the two pole power connector with anything in a catalog. I talked
with Datron, and they kind of scratched their head and never replied.
I can post a picture to the photos section if needed.
-Ken

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/transworld_radio/

b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

56. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2005-05-10 15:06:59 UTC
From: Larry
Topic: 23 Message: 56

For "professional" assist, look to a firm that certifies ship radiosets. These were in common use on commercial shipping in the nineties.

--- In transworld_radio@yahoogroups.com, "mikeferyok" <mikeferyok@y...> wrote:
> Well Lourens I will definitely have to check that ou
t when I get my
> manuals otherwise I will have to find a professional who has
> experience in these radios which I think will be very difficult
> indeed. Again, thank you. Mike
> -- In transworld_radio@yahoogroups.com, "ph0dx" <ph0dx@y...> wrote:
> > Hello Mike,
> >
> > Perhaps it has something to do with the Transcall (TC),
> > selcall (SC) option fitted in your transceiver,
> > I have an transceiver without options so i can't
> > tell you anything about TC/SC..
> > I looked in the manual it should recieve when swith is placed
> > in SC position..
> >
> > I think you can live without this option (who uses selcall ??)
> > But you really need the manuals to remove the module..
> > I don't know if you only have to remove the connector from this
> module
> > to get rid of this option.
> >
> > 73 de PH0DX,
> > Lourens.
> >
> >
> >
> >
> >
> >
> >
> >
> >
> > --- In transworld_radio@yahoogroups.com, "forest785"
> <forest785@y...>
> > wrote:
> > > Well I have the switches configured that way and all I get is
a
> > very
> > > quiet level of static and when I transmit to the indicated

> > frequency
> > > I can barely hear the transmission.
> > > If I turn on the radio with the switch labeled TC/SC in the
TC
> > > position it shows the EC-o1 and makes some contiuous relay
> sounds.
> > > I really hope I can get to the bottom of this. Mike
> > >
> > >
> > > --- In transworld_radio@yahoogroups.com, "ph0dx" <ph0dx@y...>
> wrote:
> > > > Hello Mike
> > > >
> > > > The mic does not have to be connected to get audio from the
> > > speaker.
> > > >
> > > > The set should give audio to the internal speaker if:
> > > > a. The SPEAKER switch is placed in the ON (up) position.
> > > > b. The SQUELCH switch is placed in the OFF (down) position.
> > > > c. There is no 6.3 mm jack in the connector next to the mic
> > > > connector.
> > > >
> > > > What happened to your EC-01 failure is it gone or is it
still
> in
> > > > your display, i have looked in the manuals but could not find
> > > > nothing about it..
> > > >
> > > > 73 de PH0DX,
> > > > Lourens.
> > > >
> > > >
> > > >
> > > > --- In transworld_radio@yahoogroups.com, "mikeferyok"
> > > > <mikeferyok@y...> wrote:
> > > > > Lourens, I was able to rewire the transformer in a couple
of
> > > > minutes
> > > > > thanks to you. It powers up but the audio is very quiet
and
> I
> > > still
> > > > > can't receive any stations, even my other radio is only
very
> > > > faintly
> > > > > heard even at 300 watts and the antenna being only 20 feet
> > away!
> > > > > Does the microphone have to be connected to hear audio
from
> > the

> > > > > speaker???
> > > > > I haven't a clue as to how to operate this in case you
> didn't
> > > > > notice. My manuals haven't come in yet but should next
week
> at
> > > the
> > > > > latest. TIA. Mike
> > > > >
> > > > > > Hello Mike,
> > > > > >
> > > > > > I have the Manuals..(TW-100 and ATU-100)
> > > > > > I will scan the Power transformer connections for you
> > > > > > and place them in my Photo section (Photos/PH0DX)
> > > > > >
> > > > > > 73 de PH0DX,
> > > > > > Lourens.
> > > > > >
> > > > > , Mike

57. Re: [transworld_radio] Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2005-05-11 01:02:46 UTC
From: Mike
Topic: 23 Message: 57

Larry,
It turns out it's the PA section. I replaced
the power transistors in one (I have 2 radios) but I
must have done something wrong because it only worked
for about 1/2 an hour and then died. Mike

--- Larry <larrytoo@...> wrote:

> For "professional" assist, look to a firm that
> certifies ship
> radiosets. These were in common use on commercial
> shipping in the
> nineties.
>

_____
Yahoo! Mail Mobile
Take Yahoo! Mail with you! Check email on your mobile phone.
http://mobile.yahoo.com/learn/mail

58. Re: Looking for DC power plug

Yahoo group: transworld_radio
Date: 2005-06-02 19:37:17 UTC
From: Larry
Topic: 54 Message: 58

The TW100's that I'm trying to put on line appear to have what are commonly called MOLEX power plugs. If they really are, they can be had from Radio Shack as well as other sources. I've not confirmed that they are MOLEX yet but they sure look like it. Your older set may be different, if so it might be easier to just change it over.

Larry

--- In transworld_radio@yahoogroups.com, "wb0qna2000" <k.gianino@a...> wrote:
>
> Does anyone know where I can get a DC power plug for a early TW100?
> This is the very earliest model TW100, about 1985, with 4 knobs on the
> front panel and no toggle switches. The 2 accessory connectors and
> the DC power on the back are white nylon connectors. I cannot match
> the two pole power connector with anything in a catalog. I talked
> with Datron, and they kind of scratched their head and never replied.
> I can post a picture to the photos section if needed.
> -Ken

59. Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2005-06-02 19:48:06 UTC
From: Larry
Topic: 23 Message: 59

Mike,

Do you have the schematic of the power stage? The output transistors are class B and always connected to the power mains. They are driven by a second pair operating in class AB. The bias is provided by other transistors. Were you feeding the output into a dummy load or an antenna known to be matched? The outputs are 100W transistors each and in class B are working only half the time so a 100W output to a matched load should hardly strain them. Idea, if you assert the "KEY" line in the connector for the antenna tuner, the TW100 should key up at 10W only for tuning. Replacing these power transistors with out access to the schematics is not very cost effective.

Larry

--- In transworld_radio@yahoogroups.com, Mike <forest785@y...> wrote:
> Larry,
> It turns out it's the PA section. I replaced
> the power transistors in one (I have 2 radios) but I
> must have done something wrong because it only worked
> for about 1/2 an hour and then died. Mike
>
> --- Larry <larrytoo@y...> wrote:
>
> > For "professional" assist, look to a firm that
> > certifies ship
> > radiosets. These were in common use on commercial
> > shipping in the
> > nineties.
> >
>
>
>
> _____
> Yahoo! Mail Mobile
> Take Yahoo! Mail with you! Check email on your mobile phone.
> http://mobile.yahoo.com/learn/mail

61. Re: [transworld_radio] Re: Powers up but audio very silent..

Yahoo group: transworld_radio
Date: 2005-06-04 00:13:12 UTC
From: Mike
Topic: 23 Message: 61

Larry,
I have a professional working on the radios
now. He will be cannibalizing one to fix the other. I
fed the signal at the time into a resonant antenna for
the freq. I don't understand enough about the workings
of the radio and at the time did not have a manual for
it. Now I have the factory service manual and the man
I have working on it says it'a an excellent manual.
On the other radio I didn't work on I have a bad M1
audio module, the oscillator does not work. does
anyone have a spare one in working condition they are
willing to sell? Mike... KC8ZNW

--- Larry <larrytoo@...> wrote:

> Mike,
>
> Do you have the schematic of the power stage?
> The output
> transistors are class B and always connected to the
> power mains.
> They are driven by a second pair operating in class
> AB. The bias is
> provided by other transistors. Were you feeding the
> output into a
> dummy load or an antenna known to be matched? The
> outputs are 100W
> transistors each and in class B are working only
> half the time so a
> 100W output to a matched load should hardly strain
> them. Idea, if
> you assert the "KEY" line in the connector for the
> antenna tuner,
> the TW100 should key up at 10W only for tuning.
> Replacing these
> power transistors with out access to the schematics
> is not very cost
> effective.
>
> Larry

_____
Discover Yahoo!
Find restaurants, movies, travel and more fun for the weekend. Check it out!
http://discover.yahoo.com/weekend.html

62. Finally Fixed!!

Yahoo group: transworld_radio
Date: 2005-06-05 20:45:59 UTC
From: forest785
Topic: 62 Message: 62

I'm so happy I could almost buy another TW-100! The gentleman who was working on both of my radios was able to repair the M1 Audio module and oscillator circuit by cannibalizing the 12V model I had (the one that's fixed is 110V) He had to replace the module and one of the IC's in it. He says I have full output and it recieves well too.
Now I have a parts radio to store books on...If I could find another parts radio I'd like to get that one working too otherwise I'll offer it up for sale or just keep it around for spares.
Next on the shopping list is an automatic antenna tuner. Mike

63. Re: [transworld_radio] Finally Fixed!!

Yahoo group: transworld_radio
Date: 2005-06-06 01:12:45 UTC
From: arthur kuhns
Topic: 62 Message: 63

Mike I am so happy for you.
Hope to hear that radio on the air sometime.
Art
KK6PJ/ Ca.
----- Original Message -----
From: forest785
To: transworld_radio@yahoogroups.com
Sent: Sunday, June 05, 2005 1:45 PM
Subject: [transworld_radio] Finally Fixed!!

I'm so happy I could almost buy another TW-100! The gentleman who was
working on both of my radios was able to repair the M1 Audio module
and oscillator circuit by cannibalizing the 12V model I had (the one
that's fixed is 110V) He had to replace the module and one of the IC's
in it. He says I have full output and it recieves well too.
Now I have a parts radio to store books on...If I could find another
parts radio I'd like to get that one working too otherwise I'll offer
it up for sale or just keep it around for spares.
Next on the shopping list is an automatic antenna tuner. Mike

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/transworld_radio/

b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

64. Re: Looking for DC power plug

Yahoo group: transworld_radio
Date: 2005-06-06 15:50:48 UTC
From: Larry
Topic: 54 Message: 64

Ken,

That picture is WAY different that I have on the back of the TW100's on the ship, they have what looks like a MOLEX power plug and four D-9 ports. HOWEVER, the hole on yours looks large enough to just mount a normal two pin MOLEX in place of what is there. If it is too big for the 15A Molex, you might use the larger 20A molex.

--- In transworld_radio@yahoogroups.com, "wb0qna2000" <k.gianino@a...> wrote:
> Larry,
> When you have time, take a look at the picture I posted in the Photos
> section and let me know if it is the same as your model. The power
> plug is the middle one. The accessory plug (to the left) is in fact a
> common Molex plug. The power plug is far less common! I don't think
> the later TW-100's used the Molex type plugs.
> -Ken
>
> --- In transworld_radio@yahoogroups.com, "Larry" <larrytoo@y...> wrote:
> > The TW100's that I'm trying to put on line appear to have what are
> > commonly called MOLEX power plugs. If they really are, they can be
> > had from Radio Shack as well as other sources. I've not confirmed
> > that they are MOLEX yet but they sure look like it. Your older set
> > may be different, if so it might be easier to just change it over.
> >
> >
> > Larry

65. Re: [transworld_radio] Digest Number 30

Yahoo group: transworld_radio
Date: 2005-06-07 04:59:36 UTC
From: Paul Nelson
Topic: 65 Message: 65

Hi.
I have two TW-100's, and am using one of the matching AT-100 antenna tuners into a G5RV dipole up only about fifteen feet- and it works great on all bands!
There are two of those on Ebay now, with a buy-it-now of $195. I think they're worth it. I got my tuner from that same source about a year ago, think they probably have several more. See item 5778607671.

Now if someone would come up with a continuous tune mod for the little beasts....

transworld_radio@yahoogroups.com wrote:

>_____
>_____
>
>Message: 1
> Date: Sun, 05 Jun 2005 20:45:59 -0000
> From: "forest785" <forest785@...>
>Subject: Finally Fixed!!
>
>I'm so happy I could almost buy another TW-100! The gentleman who was
>working on both of my radios was able to repair the M1 Audio module
>and oscillator circuit by cannibalizing the 12V model I had (the one
>that's fixed is 110V) He had to replace the module and one of the IC's
>in it. He says I have full output and it recieves well too.
> Now I have a parts radio to store books on...If I could find another
>parts radio I'd like to get that one working too otherwise I'll offer
>it up for sale or just keep it around for spares.
> Next on the shopping list is an automatic antenna tuner. Mike
>
>
>
>
>
>
>

--
Paul Nelson W5GNF "When I go, I want to go quietly, in my
Ames, Iowa sleep, like my grandfather- not
Senior Engineer screaming, like his passengers."
Sauer-Danfoss Company
(DrHydro@...)
"More hay, Trigger?"
ex-Cessna 140 N77149 (sigh) "No thanks, Roy, I'm stuffed."

66. Re: Digest Number 30

Yahoo group: transworld_radio
Date: 2005-06-08 16:26:51 UTC
From: Larry
Topic: 65 Message: 66

Have you looked at Keith's site and the tuning squelch mod there? He
also mentions, I think, someone developing a tuning knob of some sort.

If you find anything else promising, let us know.

--- In transworld_radio@yahoogroups.com, "Paul Nelson"
<drhydro@q...> wrote:

>
> Now if someone would come up with a continuous tune mod for the
little
> beasts....
>
> transworld_radio@yahoogroups.com wrote:
>
> >_____
>
>_____
_____
> >
> >Message: 1
> > Date: Sun, 05 Jun 2005 20:45:59 -0000
> > From: "forest785" <forest785@y...>
> >Subject: Finally Fixed!!
> >
> >I'm so happy I could almost buy another TW-100! The gentleman
who was
> >working on both of my radios was able to repair the M1 Audio
module
> >and oscillator circuit by cannibalizing the 12V model I had (the one
> >that's fixed is 110V) He had to replace the module and one of the
IC's
> >in it. He says I have full output and it recieves well too.
> > Now I have a parts radio to store books on...If I could find another
> >parts radio I'd like to get that one working too otherwise I'll offer
> >it up for sale or just keep it around for spares.
> > Next on the shopping list is an automatic antenna tuner. Mike
> >
> >
> >
> >
> >
> >
> >
>
> --

> Paul Nelson W5GNF "When I go, I want to go quietly, in my
> Ames, Iowa sleep, like my grandfather- not
> Senior Engineer screaming, like his passengers."
> Sauer-Danfoss Company
> (DrHydro@q...)
> "More hay, Trigger?"
> ex-Cessna 140 N77149 (sigh) "No thanks, Roy, I'm stuffed."

67. Re: Digest Number 30

Yahoo group: transworld_radio
Date: 2005-06-10 04:50:18 UTC
From: forest785
Topic: 65 Message: 67

The picture of the connector on the tuner does not match any of the ports on the back of my TW-100 on that tuner for sale. It looks like a 28 pin or so connector and mine are regular old 9 pin connectors.
Mike

--- In transworld_radio@yahoogroups.com, "Paul Nelson" <drhydro@q...> wrote:
> Hi.
> I have two TW-100's, and am using one of the matching AT-100 antenna
> tuners into a G5RV dipole up only about fifteen feet- and it works great
> on all bands!
> There are two of those on Ebay now, with a buy-it-now of $195. I think
> they're worth it. I got my tuner from that same source about a year ago,
> think they probably have several more. See item 5778607671.
>
> Now if someone would come up with a continuous tune mod for the little
> beasts....
>

68. Re: [transworld_radio] Digest Number 33

Yahoo group: transworld_radio
Date: 2005-06-10 21:03:31 UTC
From: Paul Nelson
Topic: 68 Message: 68

Hi.
True. I ditched the cable, ran my own through the feedthru- only four wires + shield, to a DE-9 male connector. I'd be glad to provide connection info if anyone needs it.

>Message: 1
> Date: Fri, 10 Jun 2005 04:50:18 -0000
> From: "forest785" <forest785@...>
>Subject: Re: Digest Number 30
>
>The picture of the connector on the tuner does not match any of the
>ports on the back of my TW-100 on that tuner for sale. It looks like
>a 28 pin or so connector and mine are regular old 9 pin connectors.
>Mike
>
>--- In transworld_radio@yahoogroups.com, "Paul Nelson"
><drhydro@q...> wrote:
>
>
>>Hi.
>>I have two TW-100's, and am using one of the matching AT-100 antenna tuners into a G5RV dipole up only about fifteen feet- and it works great on all bands!
>>There are two of those on Ebay now, with a buy-it-now of $195. I think they're worth it. I got my tuner from that same source about a year ago, think they probably have several more. See item 5778607671.
>>
>>Now if someone would come up with a continuous tune mod for the little beasts...
>>
>>
=======
Paul Nelson W5GNF "When I go, I want to go quietly, in my
Ames, Iowa sleep, like my grandfather- not
Senior Engineer screaming, like his passengers."
Sauer-Danfoss Company
(DrHydro@...)
"More hay, Trigger?"
ex-Cessna 140 N77149 (sigh) "No thanks, Roy, I'm stuffed."

70. Hissing noice

Yahoo group: transworld_radio
Date: 2005-06-12 05:07:20 UTC
From: sreeypn
Topic: 70 Message: 70

1.In my Transworld Model TW-100-UL hissing noice is very high in the receiver, if we connect antenna, noice will increase upto 0.5 S point.So that I can't hear weak signals

2. I don't know the function of Toggle Switch TC/SC and S.C PushButton

I shall be grateful to any reply.

73 de vu2ob, Sreekumar,New Delhi, India.

71. Transcall and Selcall

Yahoo group: transworld_radio
Date: 2005-06-12 19:35:42 UTC
From: forest785
Topic: 70 Message: 71

Hello, the TC and SC are Transcall and Selcall(briefly, transcall
picks out a single transciever with a specific assigned code and
selcall finds the best frequency to communicate on) methods of
communicating with other transceivers through a coded tone signal.
The
operations manual describe this or you can do a search on the
internet
and you can find out how it works but I've never used it myself. In
Australia it is used for a country-wide link up where a transceiver
will select from many available frequencies stored in the channels
for
the channel with the best signal quality and both transceivers will
synchronize to this same channel and you can begin communicating it
can take up to five minutes to do this. This is a rough description
so
anyone feel free to critisize it :) Mike-KC8ZNW

1.In my Transworld Model TW-100-UL hissing noice is very high in the
> receiver, if we connect antenna, noice will increase upto 0.5 S
> point.So that I can't hear weak signals
>
> 2. I don't know the function of Toggle Switch TC/SC and S.C
PushButton
>
> I shall be grateful to any reply.
>
> 73 de vu2ob, Sreekumar,New Delhi, India.

72. Re: [transworld_radio] Transcall and Selcall

Yahoo group: transworld_radio
Date: 2005-06-13 02:20:27 UTC
From: T.K.Sree kumar(vu2ob)
Topic: 70 Message: 72

Mr.Mike,
Thank you very much for your Email

73

Sree, VU2OB

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http://mail.yahoo.com

74. help RT100/MP

Yahoo group: transworld_radio
Date: 2005-07-04 13:18:32 UTC
From: Jay Sario
Topic: 74 Message: 74

Hello All, can anyone help me how to program frequencies to the channel memory of Transworld RT100/MP. I believe it can hold up to 99 channels...thank you in advance and more power.

75. Re: [transworld_radio] help RT100/MP

Yahoo group: transworld_radio
Date: 2005-07-05 21:35:03 UTC
From: arthurkuhns@charter.net
Topic: 74 Message: 75
Attachments: 1 described; binary payloads are missing from this source WARC

Check out the link to the transworld site. It has the info you are looking for.

> http://www.tr15.freeserve.co.uk/Keypad%20.htm

Jay, You have a RT100? That is great I do so as well.
The radio seem to preform wonderfully.
How long have you had your RT100?
Art

> From: "Jay Sario" <jay_sario@...>
> Date: 2005/07/04 Mon AM 09:18:32 EDT
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] help RT100/MP
>
>

76. Re: help RT100/MP

Yahoo group: transworld_radio
Date: 2005-07-06 21:33:02 UTC
From: Jay Sario
Topic: 74 Message: 76

Hi Art, yes i do have a RT100. I got it two weeks ago and from the way i see it, the radio looks heavy duty and water-tight...looks like it will give me years of trouble-free. Thanks for the reply Art, i will check out the site you gave me.

jay

--- In transworld_radio@yahoogroups.com, <arthurkuhns@c...> wrote:
> Check out the link to the transworld site. It has the info you are looking for.
>
> > http://www.tr15.freeserve.co.uk/Keypad%20.htm
>
> Jay, You have a RT100? That is great I do so as well.
> The radio seem to preform wonderfully.
> How long have you had your RT100?
> Art
>
> > From: "Jay Sario" <jay_sario@y...>
> > Date: 2005/07/04 Mon AM 09:18:32 EDT
> > To: transworld_radio@yahoogroups.com
> > Subject: [transworld_radio] help RT100/MP
> >
> >

77. Re: [transworld_radio] Re: help RT100/MP

Yahoo group: transworld_radio
Date: 2005-07-08 14:52:31 UTC
From: arthurkuhns@charter.net
Topic: 74 Message: 77
Attachments: 1 described; binary payloads are missing from this source WARC

Jay, Are you a ham and are you in MARS.
Where did you get your radio and how much you pay for it?

Art KK6PJ/ AAT9BI
>
> From: "Jay Sario" <jay_sario@...>
> Date: 2005/07/06 Wed PM 05:33:02 EDT
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] Re: help RT100/MP
>
>

78. Re: help RT100/MP

Yahoo group: transworld_radio
Date: 2005-07-08 23:51:08 UTC
From: Jay Sario
Topic: 74 Message: 78

Hi Art, i'm not a ham or into MARS, i'm just into HF or SWL...I got the radio from a friend, i swapped it with some VHF gear plus cash...actually I got three pieces of RT100 but only one is in good working condition, the other one has receive but no transmit, and the third one is a totally dead unit...I guess i'll just use the third one for parts needed to fix the other radio...these radios from its physical appearance really is very heavy duty.

Jay

--- In transworld_radio@yahoogroups.com, <arthurkuhns@c...> wrote:
> Jay, Are you a ham and are you in MARS.
> Where did you get your radio and how much you pay for it?
>
> Art KK6PJ/ AAT9BI
> >
> > From: "Jay Sario" <jay_sario@y...>
> > Date: 2005/07/06 Wed PM 05:33:02 EDT
> > To: transworld_radio@yahoogroups.com
> > Subject: [transworld_radio] Re: help RT100/MP
> >
> >

79. Differance Between TW100 and TW100F

Yahoo group: transworld_radio
Date: 2005-07-18 20:50:59 UTC
From: Arthur Kuhns
Topic: 79 Message: 79

Hi group,
What is the diffenance between the TW100 and the TW100F.
If I have a Service manual for the TW100 how accurate would it be for the TW100F.
Thanks for your time in advance.
Art
arthur.kuhns@...

80. TW100F Manual

Yahoo group: transworld_radio
Date: 2005-07-19 20:36:47 UTC
From: Arthur Kuhns
Topic: 80 Message: 80

Does any one have the TW100F manual?
Thank you,
Art KK6PJ
arthur.kuhns@...

81. Re: [transworld_radio] TW100F Manual

Yahoo group: transworld_radio
Date: 2005-07-25 12:12:20 UTC
From: ervin kusuma
Topic: 80 Message: 81

Hi Arthur Kuhns
Iam also looking for manual for TW100, I have one unit
TW100 needs repair.
Thanks
Ervin YD0NCR

--- Arthur Kuhns <arthurkuhns@...> wrote:

> Does any one have the TW100F manual?
> Thank you,
> Art KK6PJ
> arthur.kuhns@...
>
>
>

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http://mail.yahoo.com

82. need answer

Yahoo group: transworld_radio
Date: 2005-07-25 13:07:33 UTC
From: Jay Sario
Topic: 82 Message: 82

Hi to all, my radio is an RT100/MP...on the numeric keypad, there is a button that reads "S.C."...whenever i press this button, the display reads "SC0203" and nothing else happens...i really have no idea what this is for as i dont have an operators manual or service manual...thanks in advance.

83. Re: [transworld_radio] need answer

Yahoo group: transworld_radio
Date: 2005-07-26 00:35:59 UTC
From: Mike
Topic: 82 Message: 83

Jay, that is the SellCall function, it enables the radio to communicate with a specific station with a 3 digit code in your case you would be calling station #203, your radio also has it's own number (001-255) once you send the signal by pressing the "Call" button it switches the transmitte on ans sends the call code, the station called stops scanning and sends back a transpond signal and that unit displays a "Call" on the display and makes a tone sound at Both stations then when you see "Call" show up on your radio and you press the "Scan" button to stop the scan. This assumes both radios are in "Scan" mode to begin with. I think at this point you can talk to each other but I'm not sure about the rest of the operation.
Anyone feel free to comment. Mike KC8ZNW

--- Jay Sario <jay_sario@...> wrote:

> Hi to all, my radio is an RT100/MP...on the numeric
> keypad, there is a
> button that reads "S.C."...whenever i press this
> button, the display
> reads "SC0203" and nothing else happens...i really
> have no idea what
> this is for as i dont have an operators manual or
> service
> manual...thanks in advance.
>
>
>

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http://tour.mail.yahoo.com/mailtour.html

84. Re: [transworld_radio] TW100F Manual

Yahoo group: transworld_radio
Date: 2005-07-26 00:59:04 UTC
From: Mike
Topic: 80 Message: 84

Guys, I think I bought my TW-100 op and the Service
Manual from Murphys Surplus.
http://www.murphyjunk.bizland.com/index.html
Good Luck

--- ervin kusuma <Ervin_Kusuma@...> wrote:

> Hi Arthur Kuhns
> Iam also looking for manual for TW100, I have one
> unit
> TW100 needs repair.
> Thanks
> Ervin YD0NCR
>
> --- Arthur Kuhns <arthurkuhns@...> wrote:
>
> > Does any one have the TW100F manual?
> > Thank you,
> > Art KK6PJ
> > arthur.kuhns@...
> >
> >
> >
>
>
> ---
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>

Start your day with Yahoo! - make it your home page
http://www.yahoo.com/r/hs

85. Re: need answer

Yahoo group: transworld_radio
Date: 2005-07-26 13:56:51 UTC
From: Jay Sario
Topic: 82 Message: 85

Mike, thank you very much for the answer to my question...i guess i have no way to test this function coz the other RT100 that i have has a different number when i press that button...anyways, thanks again.

jay

--- In transworld_radio@yahoogroups.com, Mike <forest785@y...> wrote:
> Jay, that is the SellCall function, it enables the
> radio to communicate with a specific station with a 3
> digit code in your case you would be calling station
> #203, your radio also has it's own number (001-255)
> once you send the signal by pressing the "Call" button
> it switches the transmitte on ans sends the call code,
> the station called stops scanning and sends back a
> transpond signal and that unit displays a "Call" on
> the display and makes a tone sound at Both stations
> then when you see "Call" show up on your radio and you
> press the "Scan" button to stop the scan. This assumes
> both radios are in "Scan" mode to begin with. I think
> at this point you can talk to each other but I'm not
> sure about the rest of the operation.
> Anyone feel free to comment. Mike KC8ZNW
>
> --- Jay Sario <jay_sario@y...> wrote:
>
> > Hi to all, my radio is an RT100/MP...on the numeric
> > keypad, there is a
> > button that reads "S.C."...whenever i press this
> > button, the display
> > reads "SC0203" and nothing else happens...i really
> > have no idea what
> > this is for as i dont have an operators manual or
> > service
> > manual...thanks in advance.
> >
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>
> _____
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> http://tour.mail.yahoo.com/mailtour.html

86. Re: [transworld_radio] Re: need answer

Yahoo group: transworld_radio
Date: 2005-07-26 21:16:05 UTC
From: Markus Baertschi
Topic: 82 Message: 86

Jay Sario wrote:
> Mike, thank you very much for the answer to my question...i guess i
> have no way to test this function coz the other RT100 that i have
> has a different number when i press that button...anyways, thanks
> again.
>
> jay

Jay,

if you have two TW100's with the SC button then you should be able to test this button alright. There are two number to program, one is your station ID the second is the called station ID. If you program one number into the TW100 #1 and another number into the TW100 #2 the you should be able to call #2 from #1. When beeing called #2 should sound an alarm to signal it's being called.

This is very similar to DTMF function in modern VHF radios.

Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

87. Well hello to everyone

Yahoo group: transworld_radio
Date: 2005-07-27 00:15:41 UTC
From: waward41
Topic: 87 Message: 87

I too, own a TransWorld 100, but it is limited to channels. My frequencies are determined by a diode matrix board. Is there anyone else that own such a rig?

De N4BLR

BTW ,I also own the Automatic ATU.

88. Re: need answer

Yahoo group: transworld_radio
Date: 2005-07-27 15:03:25 UTC
From: Jay Sario
Topic: 82 Message: 88

Hi Markus, thanks for that info...i will try to figure out how to program those two station id's and give it a try...i think it is a very neat feature...thanks again.

jay

--- In transworld_radio@yahoogroups.com, Markus Baertschi <markus@m...> wrote:
> Jay Sario wrote:
> > Mike, thank you very much for the answer to my question...i guess i
> > have no way to test this function coz the other RT100 that i have
> > has a different number when i press that button...anyways, thanks
> > again.
> >
> > jay
>
> Jay,
>
> if you have two TW100's with the SC button then you should be able to
> test this button alright. There are two number to program, one is your
> station ID the second is the called station ID. If you program one
> number into the TW100 #1 and another number into the TW100 #2 the you
> should be able to call #2 from #1. When beeing called #2 should sound an
> alarm to signal it's being called.
>
> This is very similar to DTMF function in modern VHF radios.
>
> Markus
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du Rossé 14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@m...
> Switzerland Homepage: www.markus.org

89. Re: [transworld_radio] Well hello to everyone

Yahoo group: transworld_radio
Date: 2005-07-27 16:29:21 UTC
From: Markus Baertschi
Topic: 87 Message: 89

waward41 wrote:
> I too, own a TransWorld 100, but it is limited to channels. My
> frequencies are determined by a diode matrix board. Is there anyone
> else that own such a rig?
>
> De N4BLR
>
> BTW ,I also own the Automatic ATU.

Hi N4BLR,

I'm not aware of a version of the TW100 with hardcoded (diode) channels.
Does it look similar to ours (frontpanel, etc.) ?

Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

90. Re: Well hello to everyone

Yahoo group: transworld_radio
Date: 2005-07-29 18:15:30 UTC
From: waward41
Topic: 87 Message: 90

--- In transworld_radio@yahoogroups.com, Markus Baertschi
<markus@m...> wrote:
> waward41 wrote:
> > I too, own a TransWorld 100, but it is limited to channels. My
> > frequencies are determined by a diode matrix board. Is there anyone
> > else that own such a rig?
> >
> > De N4BLR
> >
> > BTW ,I also own the Automatic ATU.
>
> Hi N4BLR,
>
> I'm not aware of a version of the TW100 with hardcoded (diode)
channels.
> Does it look similar to ours (frontpanel, etc.) ?
>
> Markus
>
> --

Yeah, sans keypad and controls, when I get a chance,I'll post a pic of
it and the manual. It has provisions for twenty channels.
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du Rossé 14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@m...
> Switzerland Homepage: www.markus.org

91. transworld website

Yahoo group: transworld_radio
Date: 2005-08-29 00:49:17 UTC
From: Jay Sario
Topic: 91 Message: 91

hi to all, i'm just wondering what happened to the website about Transworld TW100. Is there a new website? Thanks.

Jay

92. Re: [transworld_radio] transworld website

Yahoo group: transworld_radio
Date: 2005-08-30 08:36:51 UTC
From: Markus Baertschi
Topic: 91 Message: 92

Jay Sario wrote:
> hi to all, i'm just wondering what happened to the website about
> Transworld TW100. Is there a new website? Thanks.
>
> Jay

Yup, it looks like the site is offline. You can still get a archived
copy from the internet archive:
http://web.archive.org/web/20041018214211/www.tr15.freeserve.co.uk/index.htm

Markus
--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

93. Re: transworld website

Yahoo group: transworld_radio
Date: 2005-08-31 16:46:57 UTC
From: Jay Sario
Topic: 91 Message: 93

Mr. Markus, thanks for the reply...at least i could still check some infos on the website...by the way, would you have any idea how to get some more power ouput on an RT100? My radio only reaches up to 70 watts, i already made adjustments to the ALC. Thanks in advance.

jay

--- In transworld_radio@yahoogroups.com, Markus Baertschi <markus@m...> wrote:
> Jay Sario wrote:
> > hi to all, i'm just wondering what happened to the website about
> > Transworld TW100. Is there a new website? Thanks.
> >
> > Jay
>
> Yup, it looks like the site is offline. You can still get a archived
> copy from the internet archive:
> http://web.archive.org/web/20041018214211/www.tr15.freeserve.co.uk/index.htm
>
> Markus
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du Rossé 14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@m...
> Switzerland Homepage: www.markus.org

94. Hello friends!

Yahoo group: transworld_radio
Date: 2005-08-31 18:49:40 UTC
From: a1elg1
Topic: 94 Message: 94

I'm looking for spare parts and some accesories for my TW100MP,
I'm located in south California right now,
anybody knows a store to order? o buy my parts?
thanks!
Eduardo
OA4CLK

(parts wanted are keyboard or touch pad, Lcd display and clarifier
control-is like the volumen control).

95. Re: transworld website

Yahoo group: transworld_radio
Date: 2005-09-01 00:29:04 UTC
From: Arthur Kuhns
Topic: 91 Message: 95

Jay, I might be able to help with that I read somewhere in the manual
that you can adjust the rt100 up to 125Watts.
Let me take a look at that and I will send you the adjustment
procedure.
Jay we have the same radio. I too own the RT100MP. How is yours
performing?
Art KK6PJ

--- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@y...>
wrote:
> Mr. Markus, thanks for the reply...at least i could still check
some
> infos on the website...by the way, would you have any idea how to
> get some more power ouput on an RT100? My radio only reaches up to
> 70 watts, i already made adjustments to the ALC. Thanks in advance.
>
> jay
>
> --- In transworld_radio@yahoogroups.com, Markus Baertschi
> <markus@m...> wrote:
> > Jay Sario wrote:
> > > hi to all, i'm just wondering what happened to the website
about
> > > Transworld TW100. Is there a new website? Thanks.
> > >
> > > Jay
> >
> > Yup, it looks like the site is offline. You can still get a
> archived
> > copy from the internet archive:
> >
>
http://web.archive.org/web/20041018214211/www.tr15.freeserve.co.uk/in
> dex.htm
> >
> > Markus
> > --
> > Markus Baertschi Phone: ++41 (21) 807 1677
> > Bas du Rossé 14b Fax : ++41 (21) 807 1678
> > CH-1163, Etoy Email: markus@m...
> > Switzerland Homepage: www.markus.org

96. Re: [transworld_radio] Hello friends!

Yahoo group: transworld_radio
Date: 2005-09-01 00:30:57 UTC
From: Arthur Kuhns
Topic: 94 Message: 96

Hello Eduardo,
Boy I do not know where you could purchase parts.
I am thinking for the clarifier that a pot of the same resistance would work and that could be found at most parts stores. Where exactly in southern ca. I wouldn't know.
For the key pad, I had some key pad problems which resolved themselves with out the need to replace it. But before that I had acquired a couple of matrix type keypad from a internet source and re-named the pads. That seemed to work.
You might have to rig up something in the same manor for the LCD display.
You might also try to contact Datron Customer Service from the link enclosed. They are located in S. Ca.
Who knows they might have some spare parts lying around.

http://www.dtsi.com/

Art
KK6PJ

----- Original Message -----
From: a1elg1
To: transworld_radio@yahoogroups.com
Sent: Wednesday, August 31, 2005 11:49 AM
Subject: [transworld_radio] Hello friends!

I'm looking for spare parts and some accesories for my TW100MP,
I'm located in south California right now,
anybody knows a store to order? o buy my parts?
thanks!
Eduardo
OA4CLK

(parts wanted are keyboard or touch pad, Lcd display and clarifier
control-is like the volumen control).

SPONSORED LINKS Ham radio antenna Ham radio sales Ham radio repeaters
Ham radio store Used ham radio equipment

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a.. Visit your group "transworld_radio" on the web.

b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

97. Re: transworld website

Yahoo group: transworld_radio
Date: 2005-09-01 17:53:29 UTC
From: Jay Sario
Topic: 91 Message: 97

Hi mr. Art, thanks for the reply, so far my RT100 is performing well, i like the receive very much, its quiet compared to some radios. Art, i would be very happy if you could help me, i'll be looking forward for the adjustment procedure...you are so lucky you have a manual for the RT100, here in our area its so hard to get one, even a photocopy...125 watts would be a big help to punch through the airwaves. Thanks in advance and lets enjoy the hobby.

jay

--- In transworld_radio@yahoogroups.com, "Arthur Kuhns" <arthurkuhns@c...> wrote:
> Jay, I might be able to help with that I read somewhere in the manual
> that you can adjust the rt100 up to 125Watts.
> Let me take a look at that and I will send you the adjustment
> procedure.
> Jay we have the same radio. I too own the RT100MP. How is yours
> performing?
> Art KK6PJ
>
>
> --- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@y...>
> wrote:
> > Mr. Markus, thanks for the reply...at least i could still check
> some
> > infos on the website...by the way, would you have any idea how to
> > get some more power ouput on an RT100? My radio only reaches up to
> > 70 watts, i already made adjustments to the ALC. Thanks in advance.
> >
> > jay
> >
> > --- In transworld_radio@yahoogroups.com, Markus Baertschi
> > <markus@m...> wrote:
> > > Jay Sario wrote:
> > > > hi to all, i'm just wondering what happened to the website
> about
> > > > Transworld TW100. Is there a new website? Thanks.
> > > >
> > > > Jay
> > >

> > > Yup, it looks like the site is offline. You can still get a
> > archived
> > > copy from the internet archive:
> > >
> >
>
http://web.archive.org/web/20041018214211/www.tr15.freeserve.co.uk/in
> > dex.htm
> > >
> > > Markus
> > > --
> > > Markus Baertschi Phone: ++41 (21) 807 1677
> > > Bas du Rossé 14b Fax : ++41 (21) 807 1678
> > > CH-1163, Etoy Email: markus@m...
> > > Switzerland Homepage: www.markus.org

98. Re: transworld website

Yahoo group: transworld_radio
Date: 2005-09-02 19:58:19 UTC
From: Arthur Kuhns
Topic: 91 Message: 98

Jay yes very good, I will get that out to you this weekend.
regarding the receive I would have to agree, Very quiet.
If you like a lot of bottons and switches you would be quite
distressed with this radio. It is so easy to operate.
What type of mic are you using with your RT?
I have a military mic connected with mine. The switch is very stiff
been meaning to build a switch box where I can hook up other mics
and headphones.
Someday...
Art

--- In transworld_radio@yahoogroups.com, "Jay Sario"
<jay_sario@y...> wrote:
> Hi mr. Art, thanks for the reply, so far my RT100 is performing
> well, i like the receive very much, its quiet compared to some
> radios. Art, i would be very happy if you could help me, i'll be
> looking forward for the adjustment procedure...you are so lucky
you
> have a manual for the RT100, here in our area its so hard to get
> one, even a photocopy...125 watts would be a big help to punch
> through the airwaves. Thanks in advance and lets enjoy the hobby.
>
> jay
>
> --- In transworld_radio@yahoogroups.com, "Arthur Kuhns"
> <arthurkuhns@c...> wrote:
> > Jay, I might be able to help with that I read somewhere in the
> manual
> > that you can adjust the rt100 up to 125Watts.
> > Let me take a look at that and I will send you the adjustment
> > procedure.
> > Jay we have the same radio. I too own the RT100MP. How is
yours
> > performing?
> > Art KK6PJ
> >
> >
> > --- In transworld_radio@yahoogroups.com, "Jay Sario"
> <jay_sario@y...>
> > wrote:
> > > Mr. Markus, thanks for the reply...at least i could still
check
> > some
> > > infos on the website...by the way, would you have any idea how
> to

> > > get some more power ouput on an RT100? My radio only reaches
up
> to
> > > 70 watts, i already made adjustments to the ALC. Thanks in
> advance.
> > >
> > > jay
> > >
> > > --- In transworld_radio@yahoogroups.com, Markus Baertschi
> > > <markus@m...> wrote:
> > > > Jay Sario wrote:
> > > > > hi to all, i'm just wondering what happened to the website
> > about
> > > > > Transworld TW100. Is there a new website? Thanks.
> > > > >
> > > > > Jay
> > > >
> > > > Yup, it looks like the site is offline. You can still get a
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> > >
> >
>
http://web.archive.org/web/20041018214211/www.tr15.freeserve.co.uk/in
> > > dex.htm
> > > >
> > > > Markus
> > > > --
> > > > Markus Baertschi Phone: ++41 (21) 807 1677
> > > > Bas du Rossé 14b Fax : ++41 (21) 807 1678
> > > > CH-1163, Etoy Email: markus@m...
> > > > Switzerland Homepage: www.markus.org

99. New Transworld website link

Yahoo group: transworld_radio
Date: 2005-09-02 20:12:42 UTC
From: Arthur Kuhns
Topic: 99 Message: 99

I emailed keith regarding his website, His response and new website link is below.
Art KK6PJ

Hi Arthur,Looks like my other ISP that has changed names has dumped the site.
Please try this one http://homepage.ntlworld.com/tw100uk/index.htm
I will now have to get this listed which will take ages.
Please put the word around if you can,NG etc.
Regards Keith.
PS Sorry to see the news down Sth,real bad.

100. Re: [transworld_radio] New Transworld website link

Yahoo group: transworld_radio
Date: 2005-09-02 22:06:50 UTC
From: Markus Baertschi
Topic: 99 Message: 100

Art,

thanks for the news. I've changed the link in in the yahoo group to point to the new location.

Markus

Arthur Kuhns wrote:

>I emailed keith regarding his website, His response and new website
>link is below.
>Art KK6PJ
>
>
>Hi Arthur,Looks like my other ISP that has changed names has dumped
>the site.
>Please try this one http://homepage.ntlworld.com/tw100uk/index.htm
>I will now have to get this listed which will take ages.
>Please put the word around if you can,NG etc.
>Regards Keith.
>PS Sorry to see the news down Sth,real bad.
>
>

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

101. Re: transworld website

Yahoo group: transworld_radio
Date: 2005-09-03 16:33:27 UTC
From: Jay Sario
Topic: 91 Message: 101

Hello Mr. Art, thats true, actually it only has the basic features
of an SSB HF radio, but for me it is a performer and a rugged radio.
I am using an Astatic hand microphone...what i did is i am still
using the original mic connector and used a short piece of wire and
on the other end is a 4-pin mic connector, its a little similar to
your idea, that way i won't have any problem of looking for
that "hard to find" mic connector the RT is using.

thanks.
jay

--- In transworld_radio@yahoogroups.com, "Arthur Kuhns"
<arthurkuhns@c...> wrote:
> Jay yes very good, I will get that out to you this weekend.
> regarding the receive I would have to agree, Very quiet.
> If you like a lot of bottons and switches you would be quite
> distressed with this radio. It is so easy to operate.
> What type of mic are you using with your RT?
> I have a military mic connected with mine. The switch is very
stiff
> been meaning to build a switch box where I can hook up other mics
> and headphones.
> Someday...
> Art
>
> --- In transworld_radio@yahoogroups.com, "Jay Sario"
> <jay_sario@y...> wrote:
> > Hi mr. Art, thanks for the reply, so far my RT100 is performing
> > well, i like the receive very much, its quiet compared to some
> > radios. Art, i would be very happy if you could help me, i'll be
> > looking forward for the adjustment procedure...you are so lucky
> you
> > have a manual for the RT100, here in our area its so hard to get
> > one, even a photocopy...125 watts would be a big help to punch
> > through the airwaves. Thanks in advance and lets enjoy the hobby.
> >
> > jay
> >
> > --- In transworld_radio@yahoogroups.com, "Arthur Kuhns"
> > <arthurkuhns@c...> wrote:
> > > Jay, I might be able to help with that I read somewhere in the
> > manual
> > > that you can adjust the rt100 up to 125Watts.
> > > Let me take a look at that and I will send you the adjustment
> > > procedure.

> > > Jay we have the same radio. I too own the RT100MP. How is
> yours
> > > performing?
> > > Art KK6PJ
> > >
> > >
> > > --- In transworld_radio@yahoogroups.com, "Jay Sario"
> > <jay_sario@y...>
> > > wrote:
> > > > Mr. Markus, thanks for the reply...at least i could still
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> > > some
> > > > infos on the website...by the way, would you have any idea
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> > to
> > > > get some more power ouput on an RT100? My radio only reaches
> up
> > to
> > > > 70 watts, i already made adjustments to the ALC. Thanks in
> > advance.
> > > >
> > > > jay
> > > >
> > > > --- In transworld_radio@yahoogroups.com, Markus Baertschi
> > > > <markus@m...> wrote:
> > > > > Jay Sario wrote:
> > > > > > hi to all, i'm just wondering what happened to the
website
> > > about
> > > > > > Transworld TW100. Is there a new website? Thanks.
> > > > > >
> > > > > > Jay
> > > > >
> > > > > Yup, it looks like the site is offline. You can still get
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> > > > > Markus Baertschi Phone: ++41 (21) 807 1677
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> > > > > Switzerland Homepage: www.markus.org

102. Re: [transworld_radio] New Transworld website link

Yahoo group: transworld_radio
Date: 2005-09-04 04:30:34 UTC
From: Arthur Kuhns
Topic: 99 Message: 102

You are welcome
----- Original Message -----
From: Markus Baertschi
To: transworld_radio@yahoogroups.com
Sent: Friday, September 02, 2005 3:06 PM
Subject: Re: [transworld_radio] New Transworld website link

Art,

thanks for the news. I've changed the link in in the yahoo group to point to the new location.

Markus

Arthur Kuhns wrote:

>I emailed keith regarding his website, His response and new website
>link is below.
>Art KK6PJ
>
>
>Hi Arthur,Looks like my other ISP that has changed names has dumped
>the site.
>Please try this one http://homepage.ntlworld.com/tw100uk/index.htm
>I will now have to get this listed which will take ages.
>Please put the word around if you can,NG etc.
>Regards Keith.
>PS Sorry to see the news down Sth,real bad.
>
>

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 14b Fax : ++41 (21) 807 1678
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a.. Visit your group "transworld_radio" on the web.

b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

103. manual for the RT100

Yahoo group: transworld_radio
Date: 2005-09-05 19:29:49 UTC
From: Alex Chandy
Topic: 103 Message: 103
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

104. Re: manual for the RT100

Yahoo group: transworld_radio
Date: 2005-09-06 16:25:09 UTC
From: Jay Sario
Topic: 103 Message: 104

Hi Mr. Alex, thanks so much for the info, i will see if i could get
out more power from my radio...again, thanks and 73s.

jay

--- In transworld_radio@yahoogroups.com, Alex Chandy
<alxchandy@y...> wrote:
> Jay
>
> Attached is an image showing tx gain adjustment point.
>
> 73s
> Alex
>
> --- In transworld_radio@yahoogroups.com, "Jay Sario"
> <jay_sario@y...> wrote:
> > Hi mr. Art, thanks for the reply, so far my RT100 is
> performing
> > well, i like the receive very much, its quiet
> compared to some
> > radios. Art, i would be very happy if you could help
> me, i'll be
> > looking forward for the adjustment procedure...you
> are so lucky you
> > have a manual for the RT100, here in our area its so
> hard to get
> > one, even a photocopy...125 watts would be a big
> help to punch
> > through the airwaves. Thanks in advance and lets
> enjoy the hobby.
> >
> > jay

105. Re: [transworld_radio] Re: manual for the RT100

Yahoo group: transworld_radio
Date: 2005-09-06 19:24:26 UTC
From: Alex Chandy
Topic: 103 Message: 105

Jay,

Do keep us informed on how much power you have been
able to squeeze out of it.

73s
Alex

--- Jay Sario <jay_sario@...> wrote:

> Hi Mr. Alex, thanks so much for the info, i will see
> if i could get
> out more power from my radio...again, thanks and
> 73s.
>
> jay
>
>
>
> --- In transworld_radio@yahoogroups.com, Alex Chandy
>
> <alxchandy@y...> wrote:
> > Jay
> >
> > Attached is an image showing tx gain adjustment
> point.
> >
> > 73s
> > Alex
> >
> > --- In transworld_radio@yahoogroups.com, "Jay
> Sario"
> > <jay_sario@y...> wrote:
> > > Hi mr. Art, thanks for the reply, so far my
> RT100 is
> > performing
> > > well, i like the receive very much, its quiet
> > compared to some
> > > radios. Art, i would be very happy if you could
> help
> > me, i'll be
> > > looking forward for the adjustment
> procedure...you
> > are so lucky you
> > > have a manual for the RT100, here in our area
> its so

> > hard to get
> > > one, even a photocopy...125 watts would be a big
> > help to punch
> > > through the airwaves. Thanks in advance and lets
> > enjoy the hobby.
> > >
> > > jay
>
>
>

107. Remote control for tw-100

Yahoo group: transworld_radio
Date: 2005-09-20 17:30:34 UTC
From: Mani
Topic: 107 Message: 107

Hi all,
Did any one know how to control the tw-100 using a PC?. If yes, Let me know how to do it.
Regards,
Mani (VU2ITI)

108. Re: [transworld_radio] Remote control for tw-100

Yahoo group: transworld_radio
Date: 2005-09-21 04:54:13 UTC
From: Arthur Kuhns
Topic: 107 Message: 108

Mani, I have from the Datron Corp. an old RS-232 program for the TW100.
Please send me your personal email and I will email you the program.
I have not used it myself yet so I have no idea how to help in that regard but I do have the program.
Art
KK6PJ
----- Original Message -----
From: Mani
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 20, 2005 10:30 AM
Subject: [transworld_radio] Remote control for tw-100

Hi all,
Did any one know how to control the tw-100 using a PC?. If yes, Let me know how to do it.
Regards,
Mani (VU2ITI)

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

109. transworld - fly away

Yahoo group: transworld_radio
Date: 2005-10-04 09:11:31 UTC
From: trikergee
Topic: 109 Message: 109

hi guys
anybody got a spare 4pin plug for the 12 v supply lead - just let me know how much incl postage - im in UK

regds g

110. Re: Well hello to everyone

Yahoo group: transworld_radio
Date: 2005-10-30 00:18:30 UTC
From: vicrepeaters
Topic: 87 Message: 110

--- In transworld_radio@yahoogroups.com, "waward41" <waward41@y...>
wrote:
>
> --- In transworld_radio@yahoogroups.com, Markus Baertschi
> <markus@m...> wrote:
> > waward41 wrote:
> > > I too, own a TransWorld 100, but it is limited to channels. My
> > > frequencies are determined by a diode matrix board. Is there
anyone
> > > else that own such a rig?
> > >
> > > De N4BLR
> > >
> > > BTW ,I also own the Automatic ATU.
Hi All,

I also have a limited radio, it has 20 channels, selected by 2 thumb
wheel switches. Inside there are lots of DIP slide switches. I don't
have any info on how to program the radio

Thanks

Paul
VK3XDE

> > Hi N4BLR,
> >
> > I'm not aware of a version of the TW100 with hardcoded (diode)
> channels.
> > Does it look similar to ours (frontpanel, etc.) ?
> >
> > Markus
> >
> > --
>
> Yeah, sans keypad and controls, when I get a chance,I'll post a pic
of
> it and the manual. It has provisions for twenty channels.
> > Markus Baertschi Phone: ++41 (21) 807 1677
> > Bas du Rossé 14b Fax : ++41 (21) 807 1678
> > CH-1163, Etoy Email: markus@m...
> > Switzerland Homepage: www.markus.org
>

111. TransWorld TW100 FP

Yahoo group: transworld_radio
Date: 2005-10-30 21:21:19 UTC
From: vicrepeaters
Topic: 111 Message: 111

Hi Everyone,

Did a bit of work on my 20 channel switch programmable radio. I think I have worked out the frequency programming but it looks like you also need to set the filters. Does anyone have any details of the low pass filter module?

Thanks

Paul
VK3XDE

112. Re: [transworld_radio] TransWorld TW100 FP

Yahoo group: transworld_radio
Date: 2005-10-31 20:16:07 UTC
From: Arthur Kuhns
Topic: 111 Message: 112

Paul, I have the module schematic and board layout for the filter module for the keypad control TW100. Hope it is the same.
I will scan the section of the manual and send.
Right now my computer keeps freezing up and unable to scan.
Art
KK6PJ
----- Original Message -----
From: vicrepeaters
To: transworld_radio@yahoogroups.com
Sent: Sunday, October 30, 2005 1:21 PM
Subject: [transworld_radio] TransWorld TW100 FP

Hi Everyone,

Did a bit of work on my 20 channel switch programmable radio. I think I have worked out the frequency programming but it looks like you also need to set the filters. Does anyone have any details of the low pass filter module?

Thanks

Paul
VK3XDE

YAHOO! GROUPS LINKS

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b.. To unsubscribe from this group, send an email to:
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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

113. New Member looking for info

Yahoo group: transworld_radio
Date: 2005-11-04 14:55:08 UTC
From: Steve Haseldine
Topic: 113 Message: 113

Hi All

I have just joined the group as I have just acquired a TW100. Is there a source of technical information or does anyone have a PDF of the technical / service manual

Regards

Steve G8EBM

114. Re: [transworld_radio] New Member looking for info

Yahoo group: transworld_radio
Date: 2005-11-04 15:34:42 UTC
From: arthurkuhns@charter.net
Topic: 113 Message: 114
Attachments: 1 described; binary payloads are missing from this source WARC

Steve, I do have a copy of the operating and service manaual. The manual is quite large and as time permits I have been scanning the manual into pdf. I have parts of the manual scanned by section. Actually the only parts left to be scanned is the indivual modules sections.
The largest file size is 2mb so if your email can handle that I can begin to send them via email.
Art
KK6PJ
>
> From: "Steve Haseldine" <g8ebm@...>
> Date: 2005/11/04 Fri AM 09:55:08 EST
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] New Member looking for info
>
>

115. Re: [transworld_radio] New Member looking for info

Yahoo group: transworld_radio
Date: 2005-11-04 16:59:19 UTC
From: Steve Haseldine
Topic: 113 Message: 115

Art

Thank you for responding so quickly!

Yes I have a broadband connection and no real limits on attachment sizes, so please send what you have.

It looks an interesting radio. I presume the main users were Government departments, do you have any idea of the original prices?

I am looking to get mine going on the HF bands.

Regards

Steve G8EBM

----- Original Message -----
From: arthurkuhns@...
To: transworld_radio@yahoogroups.com
Sent: Friday, November 04, 2005 3:34 PM
Subject: Re: [transworld_radio] New Member looking for info

Steve, I do have a copy of the operating and service manaual. The manual is quite large and as time permits I have been scanning the manual into pdf. I have parts of the manual scanned by section. Actually the only parts left to be scanned is the indivual modules sections.
The largest file size is 2mb so if your email can handle that I can begin to send them via email.
Art
KK6PJ
>
> From: "Steve Haseldine" <g8ebm@...>
> Date: 2005/11/04 Fri AM 09:55:08 EST
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] New Member looking for info
>
>

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Ham radio outlet Used ham radio equipment

YAHOO! GROUPS LINKS

a.. Visit your group "transworld_radio" on the web.

b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Hi All

I have just joined the group as I have just acquired a TW100. Is there a source of technical information or does anyone have a PDF of the technical / service manual

Regards

Steve G8EBM

116. Re: [transworld_radio] New Member looking for info

Yahoo group: transworld_radio
Date: 2005-11-09 00:33:18 UTC
From: Arthur Kuhns
Topic: 113 Message: 116

Steve, Have you received the files I sent already?
----- Original Message -----
From: Steve Haseldine
To: transworld_radio@yahoogroups.com
Sent: Friday, November 04, 2005 6:55 AM
Subject: [transworld_radio] New Member looking for info

Hi All

I have just joined the group as I have just acquired a TW100. Is there a source of technical information or does anyone have a PDF of the technical / service manual

Regards

Steve G8EBM

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---
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---

117. Re: [transworld_radio] TransWorld TW100 FP

Yahoo group: transworld_radio
Date: 2005-11-09 00:35:08 UTC
From: Arthur Kuhns
Topic: 111 Message: 117
Attachments: 1 described; binary payloads are missing from this source WARC

Here you go Paul

Art
----- Original Message -----
From: vicrepeaters
To: transworld_radio@yahoogroups.com
Sent: Sunday, October 30, 2005 1:21 PM
Subject: [transworld_radio] TransWorld TW100 FP

Hi Everyone,

Did a bit of work on my 20 channel switch programmable radio. I think I have worked out the frequency programming but it looks like you also need to set the filters. Does anyone have any details of the low pass filter module?

Thanks

Paul
VK3XDE

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---

118. manual

Yahoo group: transworld_radio
Date: 2005-11-09 14:08:53 UTC
From: HECTOR GOICOECHEA
Topic: 118 Message: 118

hello i am hector call is yv4gmg mi rig is tranworld tw100 is problem programation necesito el manual de uso tks

---
Yahoo! FareChase - Search multiple travel sites in one click.

119. Re: [transworld_radio] manual

Yahoo group: transworld_radio
Date: 2005-11-09 15:20:27 UTC
From: arthurkuhns@charter.net
Topic: 118 Message: 119

Hector,
Please visit this website, it has much info regarding the TW100 to include programming.
If the information you seek is not there contact me and I can get it for you.
Art
arthurkuhns@...
http://homepage.ntlworld.com/tw100uk/
>
> From: HECTOR GOICOECHEA <hector_goicoechea@...>
> Date: 2005/11/09 Wed AM 09:08:53 EST
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] manual
>
> hello i am hector call is yv4gmg mi rig is tranworld tw100 is problem programation
necesito el manual de uso tks
>
>
> ---
> Yahoo! FareChase - Search multiple travel sites in one click.
>

120. TW 100 RF Filter Module info

Yahoo group: transworld_radio
Date: 2005-11-11 20:12:15 UTC
From: Arthur Kuhns
Topic: 120 Message: 120

Paul VK3XDE,
I am trying to reach you. My emails to you are continually bouncing back.
Do you have another email or perhaps could give my email address permissions.
Waiting to hear from you,
Art KK6PJ

121. RE: [transworld_radio] TW 100 RF Filter Module info

Yahoo group: transworld_radio
Date: 2005-11-11 22:33:48 UTC
From: Chrise
Topic: 120 Message: 121

Art,

sorry about that, I don't know why they are bouncing.

My two e-mail address are..
chrise@... (my wife's)
Paul.Engler@... (my work)

either is ok..

Thanks for your help

Paul
VK3XDE

-----Original Message-----
From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]On Behalf Of Arthur Kuhns
Sent: Saturday, 12 November 2005 7:12 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW 100 RF Filter Module info

Paul VK3XDE,
I am trying to reach you. My emails to you are continually bouncing back.
Do you have another email or perhaps could give my email address
permissions.
Waiting to hear from you,
Art KK6PJ

--
YAHOO! GROUPS LINKS

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transworld_radio-unsubscribe@yahoogroups.com

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Service.

--

122. Re: Remote control for tw-100

Yahoo group: transworld_radio
Date: 2005-12-09 13:23:09 UTC
From: raul romero
Topic: 107 Message: 122

pse you sendme one copy for sofware tw100

tnx

ce3soc@(no-spam)gmail.com

--- In transworld_radio@yahoogroups.com, "Arthur Kuhns"
<arthurkuhns@c...> wrote:
>
> Mani, I have from the Datron Corp. an old RS-232 program for the
TW100.
> Please send me your personal email and I will email you the
program.
> I have not used it myself yet so I have no idea how to help in
that regard but I do have the program.
> Art
> KK6PJ
> ----- Original Message -----
> From: Mani
> To: transworld_radio@yahoogroups.com
> Sent: Tuesday, September 20, 2005 10:30 AM
> Subject: [transworld_radio] Remote control for tw-100
>
>
> Hi all,
> Did any one know how to control the tw-100 using a PC?. If yes,
Let me
> know how to do it.
> Regards,
> Mani (VU2ITI)
>
>
>
>
>
> SPONSORED LINKS Ham radio antenna Ham radio sales Ham radio
repeaters
> Ham radio outlet Ham radio store Used ham radio
equipment
>
>
> ---

> YAHOO! GROUPS LINKS
>
> a.. Visit your group "transworld_radio" on the web.

>
> b.. To unsubscribe from this group, send an email to:
> transworld_radio-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.
>
>
> ----------

>

123. Re: [transworld_radio] Re: Remote control for tw-100

Yahoo group: transworld_radio
Date: 2005-12-10 04:45:06 UTC
From: Arthur Kuhns
Topic: 107 Message: 123
Attachments: 1 described; binary payloads are missing from this source WARC

Here you go.
If this doesn't open for you let me know.
I am always forgetting which one to send of the two I have.
Art
----- Original Message -----
From: raul romero
To: transworld_radio@yahoogroups.com
Sent: Friday, December 09, 2005 5:23 AM
Subject: [transworld_radio] Re: Remote control for tw-100

pse you sendme one copy for sofware tw100

tnx

ce3soc@(no-spam)gmail.com

--- In transworld_radio@yahoogroups.com, "Arthur Kuhns"
<arthurkuhns@c...> wrote:
>
> Mani, I have from the Datron Corp. an old RS-232 program for the
TW100.
> Please send me your personal email and I will email you the
program.
> I have not used it myself yet so I have no idea how to help in
that regard but I do have the program.
> Art
> KK6PJ
> ----- Original Message -----
> From: Mani
> To: transworld_radio@yahoogroups.com
> Sent: Tuesday, September 20, 2005 10:30 AM
> Subject: [transworld_radio] Remote control for tw-100
>
>
> Hi all,
> Did any one know how to control the tw-100 using a PC?. If yes,
Let me
> know how to do it.
> Regards,
> Mani (VU2ITI)
>
>
>
>
>

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repeaters
> Ham radio outlet Ham radio store Used ham radio
equipment
>
>
> ---

> YAHOO! GROUPS LINKS
>
> a.. Visit your group "transworld_radio" on the web.
>
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>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.
>
>
> ---

>

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Ham radio outlet Ham radio store Used ham radio equipment

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---

124. Re: Well hello to everyone

Yahoo group: transworld_radio
Date: 2005-12-13 21:14:48 UTC
From: waward41
Topic: 87 Message: 124

--- In transworld_radio@yahoogroups.com, "vicrepeaters" <chrise@c...>
wrote:
>
> --- In transworld_radio@yahoogroups.com, "waward41" <waward41@y...>
> wrote:
> >
> > --- In transworld_radio@yahoogroups.com, Markus Baertschi
> > <markus@m...> wrote:
> > > waward41 wrote:
> > > > I too, own a TransWorld 100, but it is limited to channels. My
> > > > frequencies are determined by a diode matrix board. Is there
> anyone
> > > > else that own such a rig?
> > > >
> > > > De N4BLR
> > > >
> > > > BTW ,I also own the Automatic ATU.
> Hi All,
>
> I also have a limited radio, it has 20 channels, selected by 2 thumb
> wheel switches. Inside there are lots of DIP slide switches. I don't
> have any info on how to program the radio
>
> Thanks
>
> Paul
> VK3XDE
>
> > > Hi N4BLR,
> > >
> > > I'm not aware of a version of the TW100 with hardcoded (diode)
> > channels.
> > > Does it look similar to ours (frontpanel, etc.) ?
> > >
> > > Markus
> > >
> > > --
> >
> > Yeah, sans keypad and controls, when I get a chance,I'll post a pic
> of
> > it and the manual. It has provisions for twenty channels.
> > > Markus Baertschi Phone: ++41 (21) 807 1677
> > > Bas du Rossé 14b Fax : ++41 (21) 807 1678
> > > CH-1163, Etoy Email: markus@m...
> > > Switzerland Homepage: www.markus.org

> >
>
I homebrewed a control head for mine, but I'm looking for help to burn
an eprom to interface thumbwheel switches to the binary control board!

125. Microlab TW 100

Yahoo group: transworld_radio
Date: 2005-12-19 13:44:30 UTC
From: robertoesaf
Topic: 125 Message: 125

Meu nome é Roberto e moro em Brasília capital do Brasil. Comprei um microlab TW 100 e é realmente uma maravilha. Gostaria de saber mais sobre o equipamento, caso alguém tenha o manual digitalizado ou informações técnicas ficarei muito grato se enviarem por e-mail.

Grato.

Abraços.

126. Hi I need some info on a Tw 2000s

Yahoo group: transworld_radio
Date: 2005-12-24 03:56:33 UTC
From: joe_augustine2003
Topic: 126 Message: 126

Hi My name is Joe, I am looking for info on TW-2000s mobile
I am looking to try and find a Mic and power cord for it well at
lest those first and also the programming software and cables.

Joe

127. Re: Microlab TW 100

Yahoo group: transworld_radio
Date: 2005-12-30 23:02:19 UTC
From: waward41
Topic: 125 Message: 127

--- In transworld_radio@yahoogroups.com, "robertoesaf"
<robertoesaf@y...> wrote:
>
> Meu nome é Roberto e moro em Brasília capital do Brasil. Comprei um
> microlab TW 100 e é realmente uma maravilha. Gostaria de saber mais
> sobre o equipamento, caso alguém tenha o manual digitalizado ou
> informações técnicas ficarei muito grato se enviarem por e-mail.
>
> Grato.
>
> Abraços.
>
I belive isto seriam o primeiro local que eu vist.
http://homepage.ntlworld.com/tw100uk/
Boa sorte!

128. Transworld TW-100 on CW

Yahoo group: transworld_radio
Date: 2006-01-12 12:03:56 UTC
From: Huls Witweg
Topic: 128 Message: 128

I just found this group.
Has anyone ever changed the frequency of the CW oscillator ?
The default seems to be 1 kHz. I want to make it a bit lower, like 700.
However I want to be sure I do not do anything that will distort the nice
clean
sine wave it has now (since this is a audio keyed CW type of transmitter).

WB9JTK

129. Re: [transworld_radio] Transworld TW-100 on CW

Yahoo group: transworld_radio
Date: 2006-01-15 01:47:55 UTC
From: Arthur Kuhns
Topic: 128 Message: 129

Hello Huls,
Thanks for joining.
No I have not changed the oscillator. I have the RT100 which is the military version of the TW100.
I do not even have cw which is a bummer.
If you do make the change please let us know the results.
Art
KK6PJ

----- Original Message -----
From: Huls Witweg
To: transworld_radio@yahoogroups.com
Sent: Thursday, January 12, 2006 4:03 AM
Subject: [transworld_radio] Transworld TW-100 on CW

I just found this group.
Has anyone ever changed the frequency of the CW oscillator ?
The default seems to be 1 kHz. I want to make it a bit lower, like 700.
However I want to be sure I do not do anything that will distort the nice
clean
sine wave it has now (since this is a audio keyed CW type of transmitter).

WB9JTK

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---

130. Re: New Member looking for info

Yahoo group: transworld_radio
Date: 2006-01-18 22:31:00 UTC
From: Tom Fields
Topic: 113 Message: 130

I have had a TW 100 for a few years now and need a schematic for one and a manual. It has been all over Washington state being used for CAP. During the moving around the output into the tuner must have vibrated loose. One afternoon out in the field it went POP and now the TX power is just about 1 watt. I have reconnected the wire but I think the driver and/or finals are toast. Any help would be great.

Tom
KB7DQT
AAR0PD army MARS
PS I really miss this little (Hi Hi) radio.

--- In transworld_radio@yahoogroups.com, <arthurkuhns@c...> wrote:
>
> Steve, I do have a copy of the operating and service manaual. The manual is quite large and as time permits I have been scanning the manual into pdf. I have parts of the manual scanned by section. Actually the only parts left to be scanned is the indivual modules sections.
> The largest file size is 2mb so if your email can handle that I can begin to send them via email.
> Art
> KK6PJ
> >
> > From: "Steve Haseldine" <g8ebm@a...>
> > Date: 2005/11/04 Fri AM 09:55:08 EST
> > To: transworld_radio@yahoogroups.com
> > Subject: [transworld_radio] New Member looking for info
> >
> >
>

131. Re: [transworld_radio] New Member looking for info

Yahoo group: transworld_radio
Date: 2006-01-18 22:46:07 UTC
From: Markus Baertschi
Topic: 113 Message: 131
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

132. Re: [transworld_radio] Re: New Member looking for info

Yahoo group: transworld_radio
Date: 2006-01-19 03:12:11 UTC
From: Arthur Kuhns
Topic: 113 Message: 132

Hi Tom, Welcome to the group!.
I love my RT100 the military version of the TW100.
I have most of the manual in PDF. If you could send me your email I would email what I have. I know one of the sections is the final amp section.
I am an army mars CA. South member. Good to meet you.
Art Kuhns
AAT9BI /KK6PJ
----- Original Message -----
From: Tom Fields
To: transworld_radio@yahoogroups.com
Sent: Wednesday, January 18, 2006 2:31 PM
Subject: [transworld_radio] Re: New Member looking for info

I have had a TW 100 for a few years now and need a schematic for one and a manual. It has been all over Washington state being used for CAP. During the moving around the output into the tuner must have vibrated loose. One afternoon out in the field it went POP and now the TX power is just about 1 watt. I have reconnected the wire but I think the driver and/or finals are toast. Any help would be great.

Tom
KB7DQT
AAR0PD army MARS
PS I really miss this little (Hi Hi) radio.

--- In transworld_radio@yahoogroups.com, <arthurkuhns@c...> wrote:
>
> Steve, I do have a copy of the operating and service manaual. The manual is quite large and as time permits I have been scanning the manual into pdf. I have parts of the manual scanned by section. Actually the only parts left to be scanned is the indivual modules sections.
> The largest file size is 2mb so if your email can handle that I can begin to send them via email.
> Art
> KK6PJ
> >
> > From: "Steve Haseldine" <g8ebm@a...>
> > Date: 2005/11/04 Fri AM 09:55:08 EST
> > To: transworld_radio@yahoogroups.com
> > Subject: [transworld_radio] New Member looking for info
> >
> >
>

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---

133. TW100 service manual available

Yahoo group: transworld_radio
Date: 2006-01-23 01:23:46 UTC
From: Markus Baertschi
Topic: 133 Message: 133

Hi all,

I've completed scanning the TW100 service manual. It is now available
from my
site (www.markus.org/Radio/TW100/TW100_Service_Manual.pdf).
The file is 37MB big as it contains almost only bitmaps.

Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

134. TW-100 parts

Yahoo group: transworld_radio
Date: 2006-02-16 23:02:11 UTC
From: Gary Garrison
Topic: 134 Message: 134

Hi
I am looking for an M6 board. I think thats my problem anyway. My unit will only work above 15mhz. If you have a spare for sale I will buy it.

Thanks

Gary

135. Beyond the TW100 ...

Yahoo group: transworld_radio
Date: 2006-02-18 11:03:52 UTC
From: Tjerk
Topic: 135 Message: 135

Just one step further than the TW100;

In my shack I use the following mounted in a 19? rack:

Transworld TW1000 linear amplifier with built in power supply

Datron TW1000A/B linear amplifier with it?s matching

Datron PS1000SWA 80 A 28 V switch mode power supply

<>These are top of the art solid state commercial units and I have the original operators and technical manuals for them. <>

Tjerk Lammers ZS6P

Pretoria, South Africa

Zs6p@...

136. Re: Beyond the TW100 ...

Yahoo group: transworld_radio
Date: 2006-02-19 19:10:07 UTC
From: Alex Chandy
Topic: 135 Message: 136

Hi there OM

If you look up the "Miscellaneous" album in the photos section of this group, you will see the picture of a rack full of TransWorld Radio equipments. Please compare this picture with the equipment in your rack and point out the similarities or differences.

73s
Alex
VU2TXZ

--- In transworld_radio@yahoogroups.com, Tjerk <zs6p@...> wrote:
>
> Just one step further than the TW100;
>
> In my shack I use the following mounted in a 19" rack:
>
> Transworld TW1000 linear amplifier with built in power supply
>
> Datron TW1000A/B linear amplifier with it's matching
>
> Datron PS1000SWA 80 A 28 V switch mode power supply
>
> <>These are top of the art solid state commercial units and I have the
> original operators and technical manuals for them. <>
>
> Tjerk Lammers ZS6P
>
> Pretoria, South Africa
>
> Zs6p@...
>

137. Transworld TW100 CW "offset frequency" change

Yahoo group: transworld_radio
Date: 2006-02-23 14:25:52 UTC
From: Huls Witweg
Topic: 137 Message: 137

The TW-100 generates CW by creating a very clean 1 kHz audio signal and injecting that
in the modulator pretty much as if it went right in the microphone input.
I find the 1 kHz
to be way too high of a frequency. When trying to operate CW it is very hard to tune the
other station within a 100 Hz or so, and the 'clarifier' does not give us much range.
We can adust the receive frequency with the up/down buttons, but this is very inconvenient.
Also, when operating 'split' there is significant chirp on the first dit or dah when the rig switches
to transmit.
I changed mine to around 700 Hz by adding one capacitor. The audio for CW is generated
on M7, the "RF filter and switching module". To get to this board only required me to remove
the back cover of the rig.
My schematic is a good photocopy, but it is still hard to read some of the reference designators.
The capacitor I changed I think is C93. This is a 0.1 microfarad capacitor. It the capacitor closest to
the 'bottom' edge of the PCB. It is next to two 1.5 kohm resistors. I unsoldered this capacitor,
removed it. Then I soldered another 0.1 microfarad capacitor to the original and re-installed this
pair in the location of the original capacitor. So now the value is 0.2 microfarad.

Here is a photo showing the pcb while I had the capacitor out.
http://bellsouthpwp.net/r/a/racer184/TW-100-module7-C93.JPG

I made this change a couple days ago and I am quite happy that I did.

73 de WB9JTK

138. No longer alone!

Yahoo group: transworld_radio
Date: 2006-02-25 12:04:29 UTC
From: barbi-elizabeth657@gramsofcoke.com
Topic: 138 Message: 138

who here spent last weekend alone? *raises hand*. pretty sad huh, anyway, who here has plans this weekend *raises hand* :) :). Who here, wants to know how someone like me who has trouble gettin ladies got hooked up this weekend? Well, check it out http://www.canuhandleit.info/tzfx my new favorite place on the net! Enjoy fella's (and girlies too)

139. Barbi

Yahoo group: transworld_radio
Date: 2006-02-25 19:25:56 UTC
From: zsppretoria
Topic: 139 Message: 139

Now how did that rubbish get into the message list?

T

140. Reasonable Price For TW100F

Yahoo group: transworld_radio
Date: 2006-03-04 20:19:11 UTC
From: radioman762
Topic: 140 Message: 140

I just joined the group and I am considering a TW100F.

What is a reasonable price for one, with accessories?

Thanks.

73
Fred Bray
W6WAW

141. Transworld TW100 power connector

Yahoo group: transworld_radio
Date: 2006-03-09 01:04:02 UTC
From: Huls Witweg
Topic: 137 Message: 141

I did not get a dc power connector with my TW100.
At the Miami hamfest I met a guy that has lots of mil surplus stuff and he knew right off
the top of his head what connector I needed. He said he has the connector for the auxilliary
in/out connector also.
He is William Perry company in Kentucky, U.S.A. wmperry at covad dot net

Who else uses the Transworld radios on CW ?
de WB9JTK

142. Met my sumone finally...

Yahoo group: transworld_radio
Date: 2006-03-09 09:23:28 UTC
From: barbi-elizabeth657@gramsofcoke.com
Topic: 142 Message: 142

I met my future wife here! hehe. And thought I should share it with any other men who are worried about ending up alone like I was. Check it out if you like
http://www.enjoyagoodtime.info/xhik

143. Re: transworld DC POWER CONNECTOR

Yahoo group: transworld_radio
Date: 2006-03-09 18:32:44 UTC
From: hulswitweg
Topic: 109 Message: 143

--- In transworld_radio@yahoogroups.com, "trikergee"
<gordon.sowden@...> wrote:
>
> hi guys
> anybody got a spare 4pin plug for the 12 v supply lead - just let me
> know how much incl postage - im in UK
>
> regds g
>

I just bought one from wmperry at covad dot net

I met him at the Miami, Florida hamfest and he is familiar with the
Transworld. He says he can get nearly any connector.

144. Re: New Member looking for info

Yahoo group: transworld_radio
Date: 2006-03-20 16:39:52 UTC
From: Larry
Topic: 113 Message: 144

Tom,

Welcome to another CAP member, NATCAP 454 here. I too have a TW
100 and have been corresponding with
<Arthur.Kuhns@...> who is scanning that manual. He
should be done by now and I'm sure willing to send you an electronic
copy (I need one too). I'm scanning several of the other manuals
(tunner, Power Amp, etc. though the project has fallen to a back
burner. When done, available via e-mail (gratis, of course).

Larry

--- In transworld_radio@yahoogroups.com, "Tom Fields" <kb7dqt@...>
wrote:
>
> I have had a TW 100 for a few years now and need a schematic for
one
> and a manual. It has been all over Washington state being used for
> CAP. During the moving around the output into the tuner must have
> vibrated loose. One afternoon out in the field it went POP and now
> the TX power is just about 1 watt. I have reconnected the wire but
I
> think the driver and/or finals are toast. Any help would be great.
>
> Tom
> KB7DQT
> AAR0PD army MARS
> PS I really miss this little (Hi Hi) radio.
>
> --- In transworld_radio@yahoogroups.com, <arthurkuhns@c...> wrote:
> >
> > Steve, I do have a copy of the operating and service manaual.
The
> manual is quite large and as time permits I have been scanning the
> manual into pdf. I have parts of the manual scanned by section.
> Actually the only parts left to be scanned is the indivual modules
> sections.
> > The largest file size is 2mb so if your email can handle that I
can
> begin to send them via email.
> > Art
> > KK6PJ
> > >
> > > From: "Steve Haseldine" <g8ebm@a...>
> > > Date: 2005/11/04 Fri AM 09:55:08 EST
> > > To: transworld_radio@yahoogroups.com

> > > Subject: [transworld_radio] New Member looking for info
> > >
> > >
> >
>

145. Re: [transworld_radio] Re: New Member looking for info

Yahoo group: transworld_radio
Date: 2006-03-20 17:50:24 UTC
From: Markus Baertschi
Topic: 113 Message: 145

Larry,

I have scanned my manual completely. You can find the link in the
'links' section
of this list on yahoo or download it directly from
http://www.markus.org/Radio/TW100/TW100_Service_Manual.pdf

73 Markus HB9VCD

Larry wrote:
> Tom,
>
> Welcome to another CAP member, NATCAP 454 here. I too have a TW
> 100 and have been corresponding with
> <Arthur.Kuhns@...> who is scanning that manual. He
> should be done by now and I'm sure willing to send you an electronic
> copy (I need one too). I'm scanning several of the other manuals
> (tunner, Power Amp, etc. though the project has fallen to a back
> burner. When done, available via e-mail (gratis, of course).
>
> Larry
>
>
>
> --- In transworld_radio@yahoogroups.com, "Tom Fields" <kb7dqt@...>
> wrote:
>
>> I have had a TW 100 for a few years now and need a schematic for
>>
> one
>
>> and a manual. It has been all over Washington state being used for
>> CAP. During the moving around the output into the tuner must have
>> vibrated loose. One afternoon out in the field it went POP and now
>> the TX power is just about 1 watt. I have reconnected the wire but
>>
> I
>
>> think the driver and/or finals are toast. Any help would be great.
>>
>> Tom
>> KB7DQT
>> AAR0PD army MARS
>> PS I really miss this little (Hi Hi) radio.
>>
>> --- In transworld_radio@yahoogroups.com, <arthurkuhns@c...> wrote:

>>
>>> Steve, I do have a copy of the operating and service manaual.
>>>
> The
>
>> manual is quite large and as time permits I have been scanning the
>> manual into pdf. I have parts of the manual scanned by section.
>> Actually the only parts left to be scanned is the indivual modules
>> sections.
>>
>>> The largest file size is 2mb so if your email can handle that I
>>>
> can
>
>> begin to send them via email.
>>
>>> Art
>>> KK6PJ
>>>
>>>> From: "Steve Haseldine" <g8ebm@a...>
>>>> Date: 2005/11/04 Fri AM 09:55:08 EST
>>>> To: transworld_radio@yahoogroups.com
>>>> Subject: [transworld_radio] New Member looking for info
>>>>
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> Yahoo! Groups Links
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Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

146. TW-100 Manual

Yahoo group: transworld_radio
Date: 2006-03-20 22:47:42 UTC
From: John W. Whitten, III
Topic: 3 Message: 146

Arthur,
On behalf of myself, as well as the others on this group, I would like to thank you for going to the great trouble of putting the manual on the "links" section. I have several (4 regular and one fly-away) of the radios and use them regularly, but problems with a couple of them were very hard to diagnose and even harder to fix without the manual. Thanks again for a job well done!
John W. Whitten III
W5JWW / AAA4MS / AAR4AQ

147. Re: TW-100 Manual

Yahoo group: transworld_radio
Date: 2006-03-21 01:02:05 UTC
From: Jay Sario
Topic: 3 Message: 147

Art,

Thank you also for the scans of the manual. It helped me a lot to understand how the radio works and its circuits.

jay

--- In transworld_radio@yahoogroups.com, "John W. Whitten, III" <jwhitten@...> wrote:
>
> Arthur,
> On behalf of myself, as well as the others on this group, I would like to
> thank you for going to the great trouble of putting the manual on the
> "links" section. I have several (4 regular and one fly-away) of the radios
> and use them regularly, but problems with a couple of them were very
> hard to diagnose and even harder to fix without the manual. Thanks
> again for a job well done!
> John W. Whitten III
> W5JWW / AAA4MS / AAR4AQ
>

148. Re: [transworld_radio] Re: TW-100 Manual

Yahoo group: transworld_radio
Date: 2006-03-21 05:05:06 UTC
From: Arthur Kuhns
Topic: 3 Message: 148

Jay and All forum members:
As much as I would like to take the credit for that, I can not. Much has been said to my name regarding the scanning of the manual but I did not provide the digital copy of the manual you find on the links section of this forum.
Mark the forum manager scanned the manual and place it on the forum for all to use.
Please thank Mark for all of his hard work. I never finished scanning my manual but I scanned enough to truly appreciate the time and effort Mark put into the completion of the manual for all to use.
Thank you very much Mark.
Art
----- Original Message -----
From: Jay Sario
To: transworld_radio@yahoogroups.com
Sent: Monday, March 20, 2006 5:02 PM
Subject: [transworld_radio] Re: TW-100 Manual

Art,

Thank you also for the scans of the manual. It helped me a lot to understand how the radio works and its circuits.

jay

--- In transworld_radio@yahoogroups.com, "John W. Whitten, III" <jwhitten@...> wrote:
>
> Arthur,
> On behalf of myself, as well as the others on this group, I would like to
> thank you for going to the great trouble of putting the manual on the
> "links" section. I have several (4 regular and one fly-away) of the radios
> and use them regularly, but problems with a couple of them were very
> hard to diagnose and even harder to fix without the manual. Thanks
> again for a job well done!
> John W. Whitten III
> W5JWW / AAA4MS / AAR4AQ
>

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---
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b.. To unsubscribe from this group, send an email to:
transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

149. Re: manual for the RT100

Yahoo group: transworld_radio
Date: 2006-03-21 11:06:45 UTC
From: Jay Sario
Topic: 103 Message: 149

Hello Alex,

Sorry for the late reply to your post, I never really had the time
to tinker with my radio, but i was able to get around 80 watts RF,
not much compared to 125 watts but it will do for now.

thanks,

jay

--- In transworld_radio@yahoogroups.com, Alex Chandy <alxchandy@...>
wrote:
>
> Jay,
>
> Do keep us informed on how much power you have been
> able to squeeze out of it.
>
> 73s
> Alex
>
> --- Jay Sario <jay_sario@...> wrote:
>
> > Hi Mr. Alex, thanks so much for the info, i will see
> > if i could get
> > out more power from my radio...again, thanks and
> > 73s.
> >
> > jay
> >
> >
> >
> > --- In transworld_radio@yahoogroups.com, Alex Chandy
> >
> > <alxchandy@y...> wrote:
> > > Jay
> > >
> > > Attached is an image showing tx gain adjustment
> > point.
> > >
> > > 73s
> > > Alex
> > >
> > > --- In transworld_radio@yahoogroups.com, "Jay
> > Sario"
> > > <jay_sario@y...> wrote:

> > > > Hi mr. Art, thanks for the reply, so far my
> > RT100 is
> > > performing
> > > > well, i like the receive very much, its quiet
> > > compared to some
> > > > radios. Art, i would be very happy if you could
> > help
> > > me, i'll be
> > > > looking forward for the adjustment
> > procedure...you
> > > are so lucky you
> > > > have a manual for the RT100, here in our area
> > its so
> > > hard to get
> > > > one, even a photocopy...125 watts would be a big
> > > help to punch
> > > > through the airwaves. Thanks in advance and lets
> > > enjoy the hobby.
> > > >
> > > > jay
> >
> >
> >
>

150. Re: TW-100 Manual

Yahoo group: transworld_radio
Date: 2006-03-21 11:17:11 UTC
From: Jay Sario
Topic: 3 Message: 150

Hello Art,

Thank you to Mark also, this forum has really helped me understand how the RT-100 or TW-100 works internally, here in our place not many are familiar with this radio.

Nevertheless, many thanks to those who give their extra time and effort to help others.

More power!

jay

--- In transworld_radio@yahoogroups.com, "Arthur Kuhns" <arthurkuhns@...> wrote:
>
> Jay and All forum members:
> As much as I would like to take the credit for that, I can not. Much has been said to my name regarding the scanning of the manual but I did not provide the digital copy of the manual you find on the links section of this forum.
> Mark the forum manager scanned the manual and place it on the forum for all to use.
> Please thank Mark for all of his hard work. I never finished scanning my manual but I scanned enough to truly appreciate the time and effort Mark put into the completion of the manual for all to use.
> Thank you very much Mark.
> Art
> ----- Original Message -----
> From: Jay Sario
> To: transworld_radio@yahoogroups.com
> Sent: Monday, March 20, 2006 5:02 PM
> Subject: [transworld_radio] Re: TW-100 Manual
>
>
> Art,
>
> Thank you also for the scans of the manual. It helped me a lot to
> understand how the radio works and its circuits.
>
> jay
>
>
> --- In transworld_radio@yahoogroups.com, "John W. Whitten, III"
> <jwhitten@> wrote:

> >
> > Arthur,
> > On behalf of myself, as well as the others on this group, I
would
> like to
> > thank you for going to the great trouble of putting the manual
on
> the
> > "links" section. I have several (4 regular and one fly-away)
of the
> radios
> > and use them regularly, but problems with a couple of them
were very
> > hard to diagnose and even harder to fix without the manual.
Thanks
> > again for a job well done!
> > John W. Whitten III
> > W5JWW / AAA4MS / AAR4AQ
> >
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>
> SPONSORED LINKS Ham radio antenna Ham radio sales Ham radio
repeaters
> Ham radio outlet Ham radio store
>
>
> ---

> YAHOO! GROUPS LINKS
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>
> b.. To unsubscribe from this group, send an email to:
> transworld_radio-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.
>
>
> ---

>

151. Re: TW-100 Manual

Yahoo group: transworld_radio
Date: 2006-03-21 14:54:09 UTC
From: John W. Whitten, III
Topic: 3 Message: 151

--- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@...>
wrote:
>Thanks again to Art, Mark and all of those who give their time to help!
John Whitten

> Hello Art,
>
> Thank you to Mark also, this forum has really helped me understand
> how the RT-100 or TW-100 works internally, here in our place not
> many are familiar with this radio.
>
> Nevertheless, many thanks to those who give their extra time and
> effort to help others.
>
> More power!
>
> jay
>
>
>
>
> --- In transworld_radio@yahoogroups.com, "Arthur Kuhns"
> <arthurkuhns@> wrote:
> >
> > Jay and All forum members:
> > As much as I would like to take the credit for that, I can not.
> Much has been said to my name regarding the scanning of the manual
> but I did not provide the digital copy of the manual you find on the
> links section of this forum.
> > Mark the forum manager scanned the manual and place it on the
> forum for all to use.
> > Please thank Mark for all of his hard work. I never finished
> scanning my manual but I scanned enough to truly appreciate the time
> and effort Mark put into the completion of the manual for all to use.
> > Thank you very much Mark.
> > Art
> > ----- Original Message -----
> > From: Jay Sario
> > To: transworld_radio@yahoogroups.com
> > Sent: Monday, March 20, 2006 5:02 PM
> > Subject: [transworld_radio] Re: TW-100 Manual
> >
> >
> > Art,
> >

> > Thank you also for the scans of the manual. It helped me a lot
> to
> > understand how the radio works and its circuits.
> >
> > jay
> >
> >
> > --- In transworld_radio@yahoogroups.com, "John W. Whitten, III"
> > <jwhitten@> wrote:
> > >
> > > Arthur,
> > > On behalf of myself, as well as the others on this group, I
> would
> > like to
> > > thank you for going to the great trouble of putting the manual
> on
> > the
> > > "links" section. I have several (4 regular and one fly-away)
> of the
> > radios
> > > and use them regularly, but problems with a couple of them
> were very
> > > hard to diagnose and even harder to fix without the manual.
> Thanks
> > > again for a job well done!
> > > John W. Whitten III
> > > W5JWW / AAA4MS / AAR4AQ
> > >
> >
> >
> >
> >
> >
> >
> >
> > SPONSORED LINKS Ham radio antenna Ham radio sales Ham
radio
> repeaters
> > Ham radio outlet Ham radio store
> >
> >
> > ---
> -----------
> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "transworld_radio" on the web.
> >
> > b.. To unsubscribe from this group, send an email to:
> > transworld_radio-unsubscribe@yahoogroups.com
> >

> > c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
> of Service.
> >
> >
> > ----------
> ----------
> >
>

152. [transworld_radio] Let's all meet on the air sometime !

Yahoo group: transworld_radio
Date: 2006-03-21 17:17:09 UTC
From: Huls Witweg
Topic: 3 Message: 152

Would a lot of us Transworld owners be interested in meeting on the air sometime ?
Would someone suggest a weekend date that is not going to be clobbered with contests
and a frequency that will not be full of nets ?

Maybe one of the 60m frequencies ? After all, my TW100F is the only rig I have that will
get on 60m :-)

I have not worked any other Transworlds yet and I would love to hear how we sound on the air.

CW or SSB is fine for me.

WB9JTK in southeast Florida.

153. Let's all meet on the air sometime !

Yahoo group: transworld_radio
Date: 2006-03-21 19:12:22 UTC
From: Steve Haseldine
Topic: 3 Message: 153

Hi

Lets try to make it a time and frequency that we Europeans can join in.

73 de Steve G8EBM
----- Original Message -----
From: Huls Witweg
To: transworld_radio@yahoogroups.com
Sent: Tuesday, March 21, 2006 5:17 PM
Subject: [transworld_radio] Let's all meet on the air sometime !

Would a lot of us Transworld owners be interested in meeting on the air sometime ?
Would someone suggest a weekend date that is not going to be clobbered with contests
and a frequency that will not be full of nets ?

Maybe one of the 60m frequencies ? After all, my TW100F is the only rig I have that will
get on 60m :-)

I have not worked any other Transworlds yet and I would love to hear how we sound on the air.

CW or SSB is fine for me.

WB9JTK in southeast Florida.

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transworld_radio-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

154. TW 100

Yahoo group: transworld_radio
Date: 2006-03-22 17:52:43 UTC
From: jah bunny
Topic: 48 Message: 154

Hi everyone, I just recently join the group. Looking to enlighten myself with the TW 100. However, I don't have the manual. Will someone please send me some information how I may obtain a manual and schematic of it. Thhanks.

With regards,

al

Yahoo! Mail
Bring photos to life! New PhotoMail makes sharing a breeze.

156. Re: TW 100

Yahoo group: transworld_radio
Date: 2006-03-22 19:40:01 UTC
From: Larry
Topic: 48 Message: 156

We can all thank the moderator for scanning it for us. It is posted in the files section or, if you read a few messages back, there is another site to download it from.

Question for all- - - Is there a need for some of the other manuals? I think I have the power amp and the antenna tuner if they haven't already been posted.

Larry
N3HLL

--- In transworld_radio@yahoogroups.com, jah bunny <altun_baan@...> wrote:
>
> Hi everyone, I just recently join the group. Looking to enlighten myself with the TW 100. However, I don't have the manual. Will someone please send me some information how I may obtain a manual and schematic of it. Thhanks.
>
> With regards,
>
> al
>
>
> ----------
> Yahoo! Mail
> Bring photos to life! New PhotoMail makes sharing a breeze.
>

157. Re: [transworld_radio] TW 100

Yahoo group: transworld_radio
Date: 2006-03-22 21:56:50 UTC
From: arthurkuhns@charter.net
Topic: 48 Message: 157

--
Al here is the link. http://www.markus.org/Radio/TW100/TW100_Service_Manual.pdf
You can also find it on forum website undere the links.
Art
-- jah bunny <altun_baan@...> wrote:
> Hi everyone, I just recently join the group. Looking to enlighten myself with the TW 100. However, I don't have the manual. Will someone please send me some information how I may obtain a manual and schematic of it. Thhanks.
>
> With regards,
>
> al
>
>
> ---
> Yahoo! Mail
> Bring photos to life! New PhotoMail makes sharing a breeze.

158. Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-23 17:19:22 UTC
From: hulswitweg
Topic: 3 Message: 158

The WW PX SSB contest is this weekend, March 25. So this might be a good weekend for a CW meeting.

No one else has suggested any times / frequencies, so let me make a guess at this. Please send your suggestions and comments about this. Especially if the frequencies I have suggested are not good. Also, if anyone knows what might be a good weekend for us to meet on SSB, please post that information also.

CW
March 25, 00:01 hours on 7.070 (Friday evening at sundown in the USA)
Or
March 25, 14:00 hours on 14.065 (Saturday morning 09:00 in Miami)

To get on these frequencies, keep in mind how the readout works on the Transworld (or any other rig that uses audio keying).
If the rig is in "USB" mode for CW, then the frequency readout for 7.070 will be 7.069. If you like to operate CW in "LSB" then set the rig to show 7.071 MHz. (In my case, I have lowered the 'offset' to 750 Hz, so I would show 7.06925 to get on 7.070 when the mode knob is "USB" .)

To find each other.... maybe we call "CQ transworld" or "CQ TW " ?
And when signing over to another station I will sign wb9jtk/transworld so that you can tell that you have found the group (assuming there will be more than 1 in the group :-)

I remember hearing about a group that meets on 17m SSB that is for 'military radio' enthusiasts. There is no contesting on 17m. If anyone knows anthing about this group / frequency / schedule, please let me know.

--- In transworld_radio@yahoogroups.com, "Steve Haseldine" <g8ebm@...> wrote:
>
>
>
>
> Hi
>
> Lets try to make it a time and frequency that we Europeans can join in.
>
> 73 de Steve G8EBM
> ----- Original Message -----

> From: Huls Witweg
> To: transworld_radio@yahoogroups.com
> Sent: Tuesday, March 21, 2006 5:17 PM
> Subject: [transworld_radio] Let's all meet on the air sometime !
>
>
> Would a lot of us Transworld owners be interested in meeting on
the air
> sometime ?
> Would someone suggest a weekend date that is not going to be
clobbered with
> contests
> and a frequency that will not be full of nets ?
>
> Maybe one of the 60m frequencies ? After all, my TW100F is the
only rig I
> have that will
> get on 60m :-)
>
> I have not worked any other Transworlds yet and I would love to
hear how we
> sound on the air.
>
> CW or SSB is fine for me.
>
> WB9JTK in southeast Florida.
>
>
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> Ham radio outlet Ham radio store
>
>
> ---

> YAHOO! GROUPS LINKS
>
> a.. Visit your group "transworld_radio" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> transworld_radio-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
of Service.
>
>
> ---

>

159. Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-24 20:35:12 UTC
From: hulswitweg
Topic: 3 Message: 159

I have not heard from anyone at all about this.
I guess I will be playing with myself tonight at 7pm eastern/ 00:00z
Friday.
Anyone going to try to show up on Saturday on 20m ?

de WB9JTK

--- In transworld_radio@yahoogroups.com, "hulswitweg" <hulsw@...>
wrote:
>
> The WW PX SSB contest is this weekend, March 25. So this might be
a
> good weekend for a CW meeting.
>
> No one else has suggested any times / frequencies, so let me make
a
> guess at this. Please send your suggestions and comments about
> this. Especially if the frequencies I have suggested are not good.
> Also, if anyone knows what might be a good weekend for us to meet
on
> SSB, please post that information also.
>
> CW
> March 25, 00:01 hours on 7.070 (Friday evening at sundown in the
> USA)
> Or
> March 25, 14:00 hours on 14.065 (Saturday morning 09:00 in Miami)
>
> To get on these frequencies, keep in mind how the readout works on
> the Transworld (or any other rig that uses audio keying).
> If the rig is in "USB" mode for CW, then the frequency readout for
> 7.070 will be 7.069. If you like to operate CW in "LSB" then set
> the rig to show 7.071 MHz. (In my case, I have lowered
the 'offset'
> to 750 Hz, so I would show 7.06925 to get on 7.070 when the mode
knob
> is "USB" .)
>
> To find each other.... maybe we call "CQ transworld" or "CQ TW " ?
> And when signing over to another station I will sign
> wb9jtk/transworld so that you can tell that you have found the
group
> (assuming there will be more than 1 in the group :-)
>
> I remember hearing about a group that meets on 17m SSB that is

> for 'military radio' enthusiasts. There is no contesting on 17m.
If
> anyone knows anthing about this group / frequency / schedule,
please
> let me know.
>
>
>
> --- In transworld_radio@yahoogroups.com, "Steve Haseldine"
> <g8ebm@> wrote:
> >
> >
> >
> >
> > Hi
> >
> > Lets try to make it a time and frequency that we Europeans can
join
> in.
> >
> > 73 de Steve G8EBM
> > ----- Original Message -----
> > From: Huls Witweg
> > To: transworld_radio@yahoogroups.com
> > Sent: Tuesday, March 21, 2006 5:17 PM
> > Subject: [transworld_radio] Let's all meet on the air sometime !
> >
> >
> > Would a lot of us Transworld owners be interested in meeting on
> the air
> > sometime ?
> > Would someone suggest a weekend date that is not going to be
> clobbered with
> > contests
> > and a frequency that will not be full of nets ?
> >
> > Maybe one of the 60m frequencies ? After all, my TW100F is the
> only rig I
> > have that will
> > get on 60m :-)
> >
> > I have not worked any other Transworlds yet and I would love to
> hear how we
> > sound on the air.
> >
> > CW or SSB is fine for me.
> >
> > WB9JTK in southeast Florida.
> >
> >

> >
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> > Ham radio outlet Ham radio store
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> ----------
> > YAHOO! GROUPS LINKS
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> >
> > c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms
> of Service.
> >
> >
> > ----------
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> ----------
> >
>

160. Re: [transworld_radio] Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-24 22:04:01 UTC
From: arthurkuhns@charter.net
Topic: 3 Message: 160

I do not do CW. I have the RT100 the military version of the TW100.It does not have a cw mode. I can try ssb or Digital mode like psk31 or mt63.
Does that sound good?
Art KK6PJ

---- hulswitweg <hulsw@...> wrote:

161. Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-25 00:07:06 UTC
From: hulswitweg
Topic: 3 Message: 161

Well... the "ssb" contest is completely obliterating "the cw band"
tonight. If anyone showed up, I am sorry, there is no way I could
hear you. 40dB over 9 ssb throughout most of the "cw band" here.
If I do not oversleep, I will try to be on 14.065 Saturday morning,
09:00 eastern time (14:00z). Maybe earlier. I hope the 20m cw band
is not full of ssb contestors. at that time.

--- In transworld_radio@yahoogroups.com, "hulswitweg" <hulsw@...>
wrote:
>
> I have not heard from anyone at all about this.
> I guess I will be playing with myself tonight at 7pm eastern/
00:00z
> Friday.
> Anyone going to try to show up on Saturday on 20m ?
>
> de WB9JTK
>
>
>
> --- In transworld_radio@yahoogroups.com, "hulswitweg" <hulsw@>
> wrote:
> >
> > The WW PX SSB contest is this weekend, March 25. So this might
be
> a
> > good weekend for a CW meeting.
> >
> > No one else has suggested any times / frequencies, so let me
make
> a
> > guess at this. Please send your suggestions and comments about
> > this. Especially if the frequencies I have suggested are not
good.
> > Also, if anyone knows what might be a good weekend for us to meet
> on
> > SSB, please post that information also.
> >
> > CW
> > March 25, 00:01 hours on 7.070 (Friday evening at sundown in
the
> > USA)
> > Or
> > March 25, 14:00 hours on 14.065 (Saturday morning 09:00 in Miami)
> >

> > To get on these frequencies, keep in mind how the readout works
on
> > the Transworld (or any other rig that uses audio keying).
> > If the rig is in "USB" mode for CW, then the frequency readout
for
> > 7.070 will be 7.069. If you like to operate CW in "LSB" then
set
> > the rig to show 7.071 MHz. (In my case, I have lowered
> the 'offset'
> > to 750 Hz, so I would show 7.06925 to get on 7.070 when the mode
> knob
> > is "USB" .)
> >
> > To find each other.... maybe we call "CQ transworld" or "CQ
TW " ?
> > And when signing over to another station I will sign
> > wb9jtk/transworld so that you can tell that you have found the
> group
> > (assuming there will be more than 1 in the group :-)
> >
> > I remember hearing about a group that meets on 17m SSB that is
> > for 'military radio' enthusiasts. There is no contesting on 17m.
> If
> > anyone knows anthing about this group / frequency / schedule,
> please
> > let me know.
> >
> >
> >
> > --- In transworld_radio@yahoogroups.com, "Steve Haseldine"
> > <g8ebm@> wrote:
> > >
> > >
> > >
> > >
> > > Hi
> > >
> > > Lets try to make it a time and frequency that we Europeans can
> join
> > in.
> > >
> > > 73 de Steve G8EBM
> > > ----- Original Message -----
> > > From: Huls Witweg
> > > To: transworld_radio@yahoogroups.com
> > > Sent: Tuesday, March 21, 2006 5:17 PM
> > > Subject: [transworld_radio] Let's all meet on the air
sometime !
> > >
> > >

> > > Would a lot of us Transworld owners be interested in meeting
on
> > the air
> > > sometime ?
> > > Would someone suggest a weekend date that is not going to be
> > clobbered with
> > > contests
> > > and a frequency that will not be full of nets ?
> > >
> > > Maybe one of the 60m frequencies ? After all, my TW100F is
the
> > only rig I
> > > have that will
> > > get on 60m :-)
> > >
> > > I have not worked any other Transworlds yet and I would love
to
> > hear how we
> > > sound on the air.
> > >
> > > CW or SSB is fine for me.
> > >
> > > WB9JTK in southeast Florida.
> > >
> > >
> > >
> > >
> > > SPONSORED LINKS Ham radio antenna Ham radio sales Ham radio
> > repeaters
> > > Ham radio outlet Ham radio store
> > >
> > >
> > > ----------
--
> --
> > ----------
> > > YAHOO! GROUPS LINKS
> > >
> > > a.. Visit your group "transworld_radio" on the web.
> > >
> > > b.. To unsubscribe from this group, send an email to:
> > > transworld_radio-unsubscribe@yahoogroups.com
> > >
> > > c.. Your use of Yahoo! Groups is subject to the Yahoo!
Terms
> > of Service.
> > >
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> > > ----------
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> --
> > ----------
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> >
>
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162. Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-31 17:25:06 UTC
From: Larry
Topic: 3 Message: 162

One wonders if you could simulate CW in SSB using an audio osc on the mic jack?

--- In transworld_radio@yahoogroups.com, <arthurkuhns@...> wrote:
>
>
> I do not do CW. I have the RT100 the military version of the TW100.It does not have a cw mode. I can try ssb or Digital mode like psk31 or mt63.
> Does that sound good?
> Art KK6PJ
>
>
> ---- hulswitweg <hulsw@...> wrote:
>

163. RE: [transworld_radio] Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-31 17:54:29 UTC
From: Huls Witweg
Topic: 3 Message: 163

That is exactly the method that the TW100 uses, except the connection is internal,
not visible on the outside of the rig. The audio signal must be very clean, not a square wave
or triangle wave generated tone (unless it goes through a LOT of filtering). It is the same
concept as using sound cards for SSTV or PSK31 etc. I suppose if you have a program for your
computer sound card that produces CW as well as PSK or SSTV that you can go ahead and use
it.
The audio oscillator for the TW100 CW generation is in the schematic. You could duplicate
it separately, I suppose.
But the reason I got the TW100 was that I grab one handle on one suitcase and go and
when I get there I will have a complete HF station, rig, antennas, matching network, microphone,
cables etc. Everything but electricity. So if I was to go to the trouble to grab a computer
and go, I might as well try PSK31 or any of the other computer operated digital modes.
I am not familiar with the RT100 radio. If it has an 'accessory' connector like the TW100 does,
it would be a simple matter to make up cable from your sound card to the radio and toss
that into the "go-kit" along with everything else.

73 WB9JTK

>From: "Larry" <larrytoo@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Re: Transworlds operators, let's meet on the
>air !
>Date: Fri, 31 Mar 2006 17:25:06 -0000
>
>One wonders if you could simulate CW in SSB using an audio osc on the
>mic jack?
>
>
>--- In transworld_radio@yahoogroups.com, <arthurkuhns@...> wrote:
> >
> >
> > I do not do CW. I have the RT100 the military version of the

>TW100.It does not have a cw mode. I can try ssb or Digital mode like
>psk31 or mt63.
> > Does that sound good?
> > Art KK6PJ
> >
> >
> > ---- hulswitweg <hulsw@...> wrote:
> >
>
>
>
>

164. Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-31 18:10:05 UTC
From: rf5000falcon
Topic: 3 Message: 164

The RT100 uses pin e on the microphone connetor for cw. Ground it and you get 1khz tone.
Dave

--- In transworld_radio@yahoogroups.com, <arthurkuhns@...> wrote:
>
>
> I do not do CW. I have the RT100 the military version of the TW100.It does not have a cw mode. I can try ssb or Digital mode like psk31 or mt63.
> Does that sound good?
> Art KK6PJ
>
>
> ---- hulswitweg <hulsw@...> wrote:
>

165. Re: [transworld_radio] Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-03-31 21:15:20 UTC
From: Arthur Kuhns
Topic: 3 Message: 165

Dave that is great news, I will try that. How do you know that?
Art
----- Original Message -----
From: rf5000falcon
To: transworld_radio@yahoogroups.com
Sent: Friday, March 31, 2006 10:10 AM
Subject: [transworld_radio] Re: Transworlds operators, let's meet on the air !

The RT100 uses pin e on the microphone connetor for cw. Ground it and
you get 1khz tone.
Dave

--- In transworld_radio@yahoogroups.com, <arthurkuhns@...> wrote:
>
>
> I do not do CW. I have the RT100 the military version of the
TW100.It does not have a cw mode. I can try ssb or Digital mode like
psk31 or mt63.
> Does that sound good?
> Art KK6PJ
>
>
> ---- hulswitweg <hulsw@...> wrote:
>

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---

166. Re: [transworld_radio] Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-04-01 00:34:53 UTC
From: Huls Witweg
Topic: 3 Message: 166

cool !
If it turns out that way and it works well, you should post that on the site
under 'modiifcations'

:-)

>From: "Arthur Kuhns" <arthurkuhns@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: <transworld_radio@yahoogroups.com>
>Subject: Re: [transworld_radio] Re: Transworlds operators, let's meet on
>the air !
>Date: Fri, 31 Mar 2006 13:15:20 -0800
>
>Dave that is great news, I will try that. How do you know that?
>Art
> ----- Original Message -----
> From: rf5000falcon
> To: transworld_radio@yahoogroups.com
> Sent: Friday, March 31, 2006 10:10 AM
> Subject: [transworld_radio] Re: Transworlds operators, let's meet on the
>air !
>
>
> The RT100 uses pin e on the microphone connetor for cw. Ground it and
> you get 1khz tone.
> Dave
>
>
> --- In transworld_radio@yahoogroups.com, <arthurkuhns@...> wrote:
> >
> >
> > I do not do CW. I have the RT100 the military version of the
> TW100.It does not have a cw mode. I can try ssb or Digital mode like
> psk31 or mt63.
> > Does that sound good?
> > Art KK6PJ
> >
> >
> > ---- hulswitweg <hulsw@...> wrote:
> >
>
>
>
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>

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>----------
> YAHOO! GROUPS LINKS
>
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>
> b.. To unsubscribe from this group, send an email to:
> transworld_radio-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>Service.
>
>
>----------
>

167. CW Transworld

Yahoo group: transworld_radio
Date: 2006-04-01 02:08:59 UTC
From: rf5000falcon
Topic: 3 Message: 167

On the RT100 pin E of the audio connector is the CW key. It works
with the standard US military J37 key.
Inside the radio it is connected to the M7 board J6-10.
The M7 board has the cw oscilator circuitry onboard.
The board itself is labled that way with silk screening.

Over the past 10 years I have had about 15 Rt100/TW100/ TW100F
flyaways.
They are all the same (with different flavors) inside and in fact my
current rig is a TW100 converetd to a RT100MP from parts leftover
from the factory.
73
Dave Panek
KE4MLV

Web page
http://bellsouthpwp.net/d/l/dlpanek/modmilradios.html

--- In transworld_radio@yahoogroups.com, "Huls Witweg" <hulsw@...>
wrote:
>
> cool !
> If it turns out that way and it works well, you should post that
on the site
> under 'modiifcations'
>
> :-)
>
>
> >From: "Arthur Kuhns" <arthurkuhns@...>
> >Reply-To: transworld_radio@yahoogroups.com
> >To: <transworld_radio@yahoogroups.com>
> >Subject: Re: [transworld_radio] Re: Transworlds operators, let's
meet on
> >the air !
> >Date: Fri, 31 Mar 2006 13:15:20 -0800
> >
> >Dave that is great news, I will try that. How do you know that?
> >Art
> > ----- Original Message -----
> > From: rf5000falcon
> > To: transworld_radio@yahoogroups.com
> > Sent: Friday, March 31, 2006 10:10 AM
> > Subject: [transworld_radio] Re: Transworlds operators, let's
meet on the
> >air !

> >
> >
> > The RT100 uses pin e on the microphone connetor for cw. Ground
it and
> > you get 1khz tone.
> > Dave
> >
> >
> > --- In transworld_radio@yahoogroups.com, <arthurkuhns@> wrote:
> > >
> > >
> > > I do not do CW. I have the RT100 the military version of the
> > TW100.It does not have a cw mode. I can try ssb or Digital
mode like
> > psk31 or mt63.
> > > Does that sound good?
> > > Art KK6PJ
> > >
> > >
> > > ---- hulswitweg <hulsw@> wrote:
> > >
> >
> >
> >
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> >
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> >----------

> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "transworld_radio" on the web.
> >
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> > transworld_radio-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the Yahoo!
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> >Service.
> >
> >
> >----------

> >
>

168. Re: [transworld_radio] CW Transworld

Yahoo group: transworld_radio
Date: 2006-04-01 18:30:16 UTC
From: Arthur Kuhns
Topic: 3 Message: 168

Thank you so much Dave. I have the tw100 manual but it doesn't have all the pinouts to the canon plugs on the RT100. You wouldn't have additional information on the RT100 would you?
Art
----- Original Message -----
From: rf5000falcon
To: transworld_radio@yahoogroups.com
Sent: Friday, March 31, 2006 6:08 PM
Subject: [transworld_radio] CW Transworld

On the RT100 pin E of the audio connector is the CW key. It works
with the standard US military J37 key.
Inside the radio it is connected to the M7 board J6-10.
The M7 board has the cw oscilator circuitry onboard.
The board itself is labled that way with silk screening.

Over the past 10 years I have had about 15 Rt100/TW100/ TW100F
flyaways.
They are all the same (with different flavors) inside and in fact my
current rig is a TW100 converetd to a RT100MP from parts leftover
from the factory.
73
Dave Panek
KE4MLV

Web page
http://bellsouthpwp.net/d/l/dlpanek/modmilradios.html

--- In transworld_radio@yahoogroups.com, "Huls Witweg" <hulsw@...>
wrote:
>
> cool !
> If it turns out that way and it works well, you should post that
on the site
> under 'modiifcations'
>
> :-)
>
>
> >From: "Arthur Kuhns" <arthurkuhns@...>
> >Reply-To: transworld_radio@yahoogroups.com
> >To: <transworld_radio@yahoogroups.com>
> >Subject: Re: [transworld_radio] Re: Transworlds operators, let's
meet on
> >the air !
> >Date: Fri, 31 Mar 2006 13:15:20 -0800
> >

> >Dave that is great news, I will try that. How do you know that?
> >Art
> > ----- Original Message -----
> > From: rf5000falcon
> > To: transworld_radio@yahoogroups.com
> > Sent: Friday, March 31, 2006 10:10 AM
> > Subject: [transworld_radio] Re: Transworlds operators, let's
meet on the
> >air !
> >
> >
> > The RT100 uses pin e on the microphone connetor for cw. Ground
it and
> > you get 1khz tone.
> > Dave
> >
> >
> > --- In transworld_radio@...m, <arthurkuhns@> wrote:
> > >
> > >
> > > I do not do CW. I have the RT100 the military version of the
> > TW100.It does not have a cw mode. I can try ssb or Digital
mode like
> > psk31 or mt63.
> > > Does that sound good?
> > > Art KK6PJ
> > >
> > >
> > > ---- hulswitweg <hulsw@> wrote:
> > >
> >
> >
> >
> >
> >
> >
> >
> >----------

> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "transworld_radio" on the web.
> >
> > b.. To unsubscribe from this group, send an email to:
> > transworld_radio-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the Yahoo!
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> >Service.
> >

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> >
>

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---

169. Re: [transworld_radio] Re: Transworlds operators, let's meet on the air !

Yahoo group: transworld_radio
Date: 2006-04-01 18:31:22 UTC
From: Arthur Kuhns
Topic: 3 Message: 169

Yes that is true.
----- Original Message -----
From: Huls Witweg
To: transworld_radio@yahoogroups.com
Sent: Friday, March 31, 2006 4:34 PM
Subject: Re: [transworld_radio] Re: Transworlds operators, let's meet on the air !

cool !
If it turns out that way and it works well, you should post that on the site
under 'modiifcations'

:-)

>From: "Arthur Kuhns" <arthurkuhns@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: <transworld_radio@yahoogroups.com>
>Subject: Re: [transworld_radio] Re: Transworlds operators, let's meet on
>the air !
>Date: Fri, 31 Mar 2006 13:15:20 -0800
>
>Dave that is great news, I will try that. How do you know that?
>Art
> ----- Original Message -----
> From: rf5000falcon
> To: transworld_radio@yahoogroups.com
> Sent: Friday, March 31, 2006 10:10 AM
> Subject: [transworld_radio] Re: Transworlds operators, let's meet on the
>air !
>
>
> The RT100 uses pin e on the microphone connetor for cw. Ground it and
> you get 1khz tone.
> Dave
>
>
> --- In transworld_radio@yahoogroups.com, <arthurkuhns@...> wrote:
> >
> >
> > I do not do CW. I have the RT100 the military version of the
> TW100.It does not have a cw mode. I can try ssb or Digital mode like
> psk31 or mt63.
> > Does that sound good?
> > Art KK6PJ
> >
> >
> > ---- hulswitweg <hulsw@...> wrote:

> >
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>----------
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>

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

170. Geographical position of TW100 owners

Yahoo group: transworld_radio
Date: 2006-04-01 22:56:08 UTC
From: Markus Baertschi
Topic: 170 Message: 170

Gentlemen,

I added a TW100 group on frappr (http://www.frappr.com/transworldtw100) for us to place ourselves geographically. I think it's fun to see where on the
world HAM's with TS100's can be found. If you find so too then please add yourself and your position on the site.

73 Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

171. Re: [transworld_radio] flyaways

Yahoo group: transworld_radio
Date: 2006-04-01 23:28:27 UTC
From: KD4YOL@aol.com
Topic: 171 Message: 171

In a message dated 4/1/2006 3:26:39 P.M. Eastern Standard Time,
transworld_radio@yahoogroups.com writes:

Over the past 10 years I have had about 15 Rt100/TW100/ TW100F
flyaways.
They are all the same (with different flavors) inside and in fact my
current rig is a TW100 converetd to a RT100MP from parts leftover
from the factory.
73
Dave Panek
KE4MLV

Hi Dave, I have a TW100F flyaway. I don't have the computer connectors that
I can see. Is there a way to modify it so I can use computer control? Thanks,
Rob.

Robert Anderson NNN0BCI VA FM07FF
NNN0GCB4/ NNN0AS3-10/ NNN0ASL N-MC MARS ALE COORDINATOR
KD4YOL@... nnn0bci@... nnn0asl@...
nnn0bci@... 540-297-5156

172. New to Group

Yahoo group: transworld_radio
Date: 2006-04-25 04:07:52 UTC
From: Jay
Topic: 172 Message: 172

Hi all,

I'm a owner of a TW-100 radio that I picked up while working at Datron in the mid 90's.
I was hired as an assembler, moved to module test the fist day of work and soon moved up to Radio Tech after a few months.

My TW-100 was originally a Test Unit for checking the spares modules and ended up siting in the back after the CPU board and another module or two fried.
The boss was giving it away to the first employee who could get to it first at break time.
I asked if I could have it first and the boss said since I would probably be the fist in line anyway, that I might as well be the one who got it...
It needed a bit of work, but since I had some unused (some not working) spare modules at my disposal, that I would work on it during my breaks. It wasn't long before I had it up and going. It helps having the additional test eproms for it :)

I don't have my ticket yet, so I use it for reception of sstv/wefax and alike for now...

Regards,
Jay

173. Re: [transworld_radio] New to Group

Yahoo group: transworld_radio
Date: 2006-04-25 19:39:25 UTC
From: arthurkuhns@charter.net
Topic: 172 Message: 173

--

Hello Jay and welcome to the group. Your expertise might come in handy.
I have a question. Do you have any experience with the remote control software that was designed to be used with the tw100?
Art KK6PJ

-- Jay <crazycalifornian@...> wrote:
> Hi all,
>
> I'm a owner of a TW-100 radio that I picked up while working at Datron in the mid 90's.
> I was hired as an assembler, moved to module test the fist day of work and soon moved up to Radio Tech after a few months.
>
> My TW-100 was originally a Test Unit for checking the spares modules and ended up siting in the back after the CPU board and another module or two fried.
> The boss was giving it away to the first employee who could get to it first at break time. I asked if I could have it first and the boss said since I would probably be the fist in line anyway, that I might as well be the one who got it...
> It needed a bit of work, but since I had some unused (some not working) spare modules at my disposal, that I would work on it during my breaks. It wasn't long before I had it up and going. It helps having the additional test eproms for it :)
>
> I don't have my ticket yet, so I use it for reception of sstv/wefax and alike for now...
>
> Regards,
> Jay
>

174. Re: [transworld_radio] New to Group

Yahoo group: transworld_radio
Date: 2006-04-25 21:19:13 UTC
From: Jay
Topic: 172 Message: 174

Hi Art,

Not that I can remember... If you can email it to me, I'd be glad to look it over...

Thanks,
Jay

----- Original Message -----
> Hello Jay and welcome to the group. Your expertise might come in handy.
> I have a question. Do you have any experience with the remote control software that was designed to be used with the tw100?
> Art KK6PJ

175. Is Datron still servicing the Transworld radios ?

Yahoo group: transworld_radio
Date: 2006-04-26 19:44:23 UTC
From: Huls Witweg
Topic: 172 Message: 175

Very nice to meet you, Jay.
I infer that you no longer work at Datron. However, I thought you might know if they
are still servicing TW100 or any of the other radios with the Transworld name.
Mine is working great right now, but this kind of information would be useful to the user group.
73 de WB9JTK

>From: "Jay" <crazycalifornian@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: <transworld_radio@yahoogroups.com>
>Subject: [transworld_radio] New to Group
>Date: Mon, 24 Apr 2006 21:07:52 -0700
>
>Hi all,
>
>I'm a owner of a TW-100 radio that I picked up while working at Datron in
>the mid 90's.
>I was hired as an assembler, moved to module test the fist day of work and
>soon moved up to Radio Tech after a few months.
>
>My TW-100 was originally a Test Unit for checking the spares modules and
>ended up siting in the back after the CPU board and another module or two
>fried.
>The boss was giving it away to the first employee who could get to it first
>at break time. I asked if I could have it first and the boss said since I
>would probably be the fist in line anyway, that I might as well be the one
>who got it...
>It needed a bit of work, but since I had some unused (some not working)
>spare modules at my disposal, that I would work on it during my breaks. It
>wasn't long before I had it up and going. It helps having the additional
>test eproms for it :)
>
>I don't have my ticket yet, so I use it for reception of sstv/wefax and
>alike for now...
>
>Regards,
>Jay
>

176. Re: [transworld_radio] Is Datron still servicing the Transworld radios ?

Yahoo group: transworld_radio
Date: 2006-04-26 21:59:34 UTC
From: Jay
Topic: 172 Message: 176

I don't beleive the TW100 is being serviced anymore. After they worked out the bugs on the TW7000, the 100 was dropped from production and spares testing. If one of the major buyers had a problem with one, they would have the customer service techs fix it as a favor. And if needed, a replacement module was made. When I left, I hadn't seen a TW100 in house for the previous 6 months...
I think Murphy's Electronics bought all of the left-overs. There was still a couple floating around there the last time I stopped in...

Jay

----- Original Message -----
> Very nice to meet you, Jay.
> I infer that you no longer work at Datron. However, I thought you might
> know if they
> are still servicing TW100 or any of the other radios with the Transworld
> name.
> Mine is working great right now, but this kind of information would be
> useful to the user group.
> 73 de WB9JTK

177. Re: [transworld_radio] Digest Number 94

Yahoo group: transworld_radio
Date: 2006-04-29 12:59:37 UTC
From: KD4YOL@aol.com
Topic: 177 Message: 177

Hi Jay, Good to have you in the group. Hurry up and get that ticket. It would be good if you could key that radio up with us. Thanks, Rob.

Robert Anderson NNN0BCI VA FM07FF SHARES
NNN0GCB4/ NNN0AS3-10/ NNN0ASL N-MC MARS ALE COORDINATOR
KD4YOL@... nnn0bci@... nnn0asl@...
nnn0bci@... 540-297-5156

178. Visit to Murphy's Surplus

Yahoo group: transworld_radio
Date: 2006-05-02 22:03:43 UTC
From: Jay
Topic: 178 Message: 178

Hi all,

I paid a visit today to Murphy's to see what they have left for the TW100.
Sorry to report, but they don't have any units or modules left :(

I have a spare M1 Rev U (1), M4 Rev L (1) , M5 Rev F (1) , M5 Rev L (1), M6 Rev C (1), M9 Rev AA (1) and another non identified module. Guess I'll hang on to these puppies for awhile...

Regards,
Jay

179. Re: [transworld_radio] Visit to Murphy's Surplus

Yahoo group: transworld_radio
Date: 2006-05-04 01:30:15 UTC
From: arthurkuhns@charter.net
Topic: 178 Message: 179

Jay I am sorry I havn't replyed to your request for the software.
I will get that too you soon. Currently TDY.
I do not know if it is any good, I have tried to run it and it doesn't do anything for me.
I have passed it on to several others in the group and asked that they give the group some feed back regarding how to use or any info.
So far haven't heard a peep.
I got this from Datron and I recieved no instruction on its use.
Art

---- Jay <crazycalifornian@...> wrote:
> Hi all,
>
> I paid a visit today to Murphy's to see what they have left for the TW100.
> Sorry to report, but they don't have any units or modules left :(
>
> I have a spare M1 Rev U (1), M4 Rev L (1) , M5 Rev F (1) , M5 Rev L (1), M6 Rev C (1), M9 Rev AA (1) and another non identified module. Guess I'll hang on to these puppies for awhile...
>
> Regards,
> Jay

180. Re: [transworld_radio] Visit to Murphy's Surplus

Yahoo group: transworld_radio
Date: 2006-05-05 05:53:51 UTC
From: Jay
Topic: 178 Message: 180

Thanks Art,

I know a TDY can turn into a longer deployment than anticipated...
Maybe someone else could be kind enough to send it sooner?

Thanks,
Jay

----- Original Message -----
> Jay I am sorry I havn't replyed to your request for the software.
> I will get that too you soon. Currently TDY.
> I do not know if it is any good, I have tried to run it and it doesn't do anything for me. I have passed it on to several others in the group and asked that they give the group some feed back regarding how to use or any info.
> So far haven't heard a peep.
> I got this from Datron and I recieved no instruction on its use.
> Art

181. Re: [transworld_radio] Visit to Murphy's Surplus

Yahoo group: transworld_radio
Date: 2006-05-07 06:43:02 UTC
From: arthurkuhns@charter.net
Topic: 178 Message: 181

```
---- Jay <crazycalifornian@...> wrote:
If not I will be home monday the eighth.
Art
```

183. TW100 Modules

Yahoo group: transworld_radio
Date: 2006-05-27 07:21:15 UTC
From: zsppretoria
Topic: 183 Message: 183

Let me know what you need - I have a couple of different modules

Tjerk ZS6P

E-mail: zs6p@...

184. Re: [transworld_radio] TW100 Modules

Yahoo group: transworld_radio
Date: 2006-05-30 13:12:08 UTC
From: Gary Garrison
Topic: 183 Message: 184

Hi

The module I need is M7. It doesen't work below 15mhz.

Thanks
Gary K4TKX

zsppretoria wrote:

> Let me know what you need - I have a couple of different modules
>
> Tjerk ZS6P
>
> E-mail: zs6p@...
>
>
>
>
>
>
> SPONSORED LINKS
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio+sales&w3=Ham+radio+repeaters&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=112&.sig=MVvzPjhgkollOfX1_QxjSQ>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio+sales&w3=Ham+radio+repeaters&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=112&.sig=IHYnWP9kPNuP4RoSqeVR9w>
> Ham radio repeaters
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+repeaters&w1=Ham+radio+antenna&w2=Ham+radio+sales&w3=Ham+radio+repeaters&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=112&.sig=RBedmGP4gLEyh82DlmHuYw>
>
> Ham radio outlet
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+outlet&w1=Ham+radio+antenna&w2=Ham+radio+sales&w3=Ham+radio+repeaters&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=112&.sig=eGahOrPkC91stdqhu1L1rg>
> Ham radio store
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio+sales&w3=Ham+radio+repeaters&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=112&.sig=eYQIU5d4SHb4sR0rcP4aEw>
>
>
>
> ---

> YAHOO! GROUPS LINKS
>
> * Visit your group "transworld_radio
> <http://groups.yahoo.com/group/transworld_radio>" on the web.
>
> * To unsubscribe from this group, send an email to:
> transworld_radio-unsubscribe@yahoogroups.com
> <mailto:transworld_radio-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

185. Re: New Member looking for info

Yahoo group: transworld_radio
Date: 2006-06-15 12:24:42 UTC
From: jaquce999
Topic: 113 Message: 185

My tw100 has just broken up. Is there anyone who is experienced in servicing. Please help. Send me your experience or suggestion or technical manual to me. I'll be very grateful. My email is jaquce999@...

--- In transworld_radio@yahoogroups.com, Markus Baertschi <markus@...> wrote:
>
> Hi Steve,
>
> welcome to the Club !
>
> there are some links and informations on the website of the group (
> http://groups.yahoo.com/group/transworld_radio).
>
> I'm in the process of scanning my technical manual, including schematics.
> I'll announce it to the group when it becomes available.
>
> The TW100 is a nice transceiver. It has essentielly one weakness, sometimes
> the two rf power transistors blow up and they are a bitch to replace.
>
> Markus
>
>
> On 11/4/05, Steve Haseldine <g8ebm@...> wrote:
> >
> > Hi All
> >
> > I have just joined the group as I have just acquired a TW100. Is
> > there a source of technical information or does anyone have a PDF of
> > the technical / service manual
> >
> > Regards
> >
> > Steve G8EBM
> >
> >
> >
> >
> >
> >

> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
> >
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du Ross?14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>

186. Re: [transworld_radio] Re: New Member looking for info

Yahoo group: transworld_radio
Date: 2006-06-15 13:14:27 UTC
From: Markus Baertschi
Topic: 113 Message: 186
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

187. TW100F FLY-AWAY HF SSB TRANSCEIVER

Yahoo group: transworld_radio
Date: 2006-06-19 20:50:23 UTC
From: Michael Smith
Topic: 187 Message: 187

After countless moves I am tired of lugging around excess material items and have promised myself it is time to liquidate the unused material items. I have in my possession a TW100F FLY-AWAY HF SSB TRANSCEIVER. It is mounted in a case, has antenna's, Transworld for communications operator's manual and condensed antenna tuning instructions (Publication #990177). Everything is like new condition. Best thing about the item is that it is operational and is for sale.

I can provide pics to anyone possibly interested in a serious offer.

Contact me at smittymctdy@...

Michael

188. Transworld TW100F Operator and Service Manual

Yahoo group: transworld_radio
Date: 2006-06-19 21:19:11 UTC
From: wgm.5745
Topic: 188 Message: 188

I would like to purchase Transworld TW100F "Fly-Away" Operator and Service manuals. Please advise where these manuals can be purchased. Thanks in advance for your assistance.

Bill Mills
KC4AA

189. Re: [transworld_radio] Transworld TW100F Operator and Service Manual

Yahoo group: transworld_radio
Date: 2006-06-20 12:03:24 UTC
From: Markus Baertschi
Topic: 188 Message: 189
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

190. Re: [transworld_radio] Transworld TW100F Operator and Service Manual

Yahoo group: transworld_radio
Date: 2006-06-21 14:49:37 UTC
From: Jaquce Smith
Topic: 188 Message: 190

I have downloaded the manual! Thank you for your reply!

Markus Baertschi <markus@...> wrote:
You can download y scanned copy of mine. The link is on the yahoo group page for this group.

While the manual does not explicitly state the TW100F it has workied fine for me on my two TW100F's.

Markus

On 6/19/06, wgm.5745 <wgm.5745@...> wrote: I would like to purchase Transworld TW100F "Fly-Away" Operator and
Service manuals. Please advise where these manuals can be purchased.
Thanks in advance for your assistance.

Bill Mills
KC4AA

Yahoo! Groups Links

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross?14b Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

Yahoo! Sports Fantasy Football ?06 - Go with the leader. Start your league today!

191. RF output question

Yahoo group: transworld_radio
Date: 2006-06-21 16:25:51 UTC
From: Jay Sario
Topic: 191 Message: 191

Hi to All,

I seldom use my RT100MP, out of curiosity, I checked the the output power using a dummy load. I am just wondering why at the lower frequencies I get around 125 watts pep, while in the upper frequencies, I get only around 80 watts pep.

I want to seek any professional advice before I get my hands inside the radio.

Thank you in advance.

jay

192. Re: [transworld_radio] RF output question

Yahoo group: transworld_radio
Date: 2006-06-21 17:27:46 UTC
From: Dave Panek
Topic: 191 Message: 192

80 watts on 10 meters is normal with the TW/ RT100.
You can go inside to tweak it but you stand a chance of overdriving on the low bands unless you have at least an o'scope.
Power usually drops off above 25 mhz.
The manual describes the adjustment procedure.
Dave

----- Original Message -----
From: Jay Sario
To: transworld_radio@yahoogroups.com
Sent: Wednesday, June 21, 2006 12:25 PM
Subject: [transworld_radio] RF output question

Hi to All,

I seldom use my RT100MP, out of curiosity, I checked the the output power using a dummy load. I am just wondering why at the lower frequencies I get around 125 watts pep, while in the upper frequencies, I get only around 80 watts pep.

I want to seek any professional advice before I get my hands inside the radio.

Thank you in advance.

jay

193. output power question

Yahoo group: transworld_radio
Date: 2006-06-21 11:35:01 UTC
From: Jay Sario
Topic: 193 Message: 193

Hi to All,

Out of curiosity, I checked the RF output of my RT100. I am wondering why in the lower frequency, starting from 1.6mhz to around 21mhz, I could get around 125 watts PEP, and around 22mhz above, I only get around 80 watts PEP. Could it be that my radio is misaligned somewhere? I measured it using a dummy load. I seldom use this radio for transmitting, only receiving, that is why I only noticed it just now.

Any inputs/suggestion before I open up the radio???

Thank you.

jay

194. Re: [transworld_radio] RF output question

Yahoo group: transworld_radio
Date: 2006-06-21 19:50:11 UTC
From: Markus Baertschi
Topic: 191 Message: 194
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

195. Re: RF output question

Yahoo group: transworld_radio
Date: 2006-06-22 01:26:20 UTC
From: Jay Sario
Topic: 191 Message: 195

Hi to All,

First, apologies for posting twice my question because I thought I was not able to send it in my first attempt. Anyways, thanks to Dave and Markus for the reply. Well, if it is normal for the RT100/TW100 to be like that, then there is no reason for me to check it.

Thank you very much for the advice.

jay

--- In transworld_radio@yahoogroups.com, "Markus Baertschi" <markus@...> wrote:
>
> I remeber having read somewhere in the service manual that this is normal
> (less power at higher frequencies). It works out too from an engineering
> perspective. Transistors do have less amplification at higher frequencies.
>
> Markus
>
> On 6/21/06, Dave Panek <dlpanek@...> wrote:
> >
> > 80 watts on 10 meters is normal with the TW/ RT100.
> > You can go inside to tweak it but you stand a chance of overdriving on the
> > low bands unless you have at least an o'scope.
> > Power usually drops off above 25 mhz.
> > The manual describes the adjustment procedure.
> > Dave
> >
> >
> >
> > ----- Original Message -----
> > *From:* Jay Sario <jay_sario@...>
> > *To:* transworld_radio@yahoogroups.com
> > *Sent:* Wednesday, June 21, 2006 12:25 PM
> > *Subject:* [transworld_radio] RF output question
> >
> > Hi to All,
> >
> > I seldom use my RT100MP, out of curiosity, I checked the the output

> > power using a dummy load. I am just wondering why at the lower
> > frequencies I get around 125 watts pep, while in the upper
> > frequencies, I get only around 80 watts pep.
> >
> > I want to seek any professional advice before I get my hands
inside
> > the radio.
> >
> > Thank you in advance.
> >
> > jay
> >
> >
> >
>
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du RossÃ© 14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>

196. Any info on schematic for o much powerauto tuner?

Yahoo group: transworld_radio
Date: 2006-07-09 01:14:10 UTC
From: waward41
Topic: 196 Message: 196

I think something happened to it.
Could be too much power, or too high an SWR.
I know that it probably has the conventional bridge that most tuners have, but still need to know where to start.

198. Woopee! I fixed it!

Yahoo group: transworld_radio
Date: 2006-08-06 19:28:38 UTC
From: zl1bpu
Topic: 198 Message: 198

Hi folks,

I am VERY pleased to announce that I have fixed my TW100 - two faults in one of the synthesizer modules.

It now performs very well, although it is taking me some time to get my head around operating it. Mine has the AC power supply (very convenient) and the Transcall option.

My thanks most of all to Marcus for the manual, without which I'd still be puzzling over the problem.

BTW, does anyone have a USER MANUAL for the TW-100? If none is available, I'll write one and post it here.

73,
Murray ZL1BPU

199. Re: [transworld_radio] Woopee! I fixed it!

Yahoo group: transworld_radio
Date: 2006-08-07 17:12:41 UTC
From: Markus Baertschi
Topic: 198 Message: 199
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

200. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2006-08-07 20:54:24 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 200

```
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW100 User.PDF
Uploaded by : zl1bpu <coombedn@...>
Description : Unofficial TW100 user manual

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW100%20User.PDF

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

zl1bpu <coombedn@...>
```

201. User Manual

Yahoo group: transworld_radio
Date: 2006-08-07 21:02:05 UTC
From: zl1bpu
Topic: 198 Message: 201

Thanks Marcus,

Actually I've just posted my 'Unoffficial User Manual' in the files section of this reflector. I hope it's useful (and accurate!)

I've also just posted a mod to the TW100UK site: (http://homepage.ntlworld.com/tw100uk/mods.htm)

It allows the TW100 to receive very nicely on LF and MF.

We could not survive without that Service Manual you went to the trouble to provide. Thanks!

Murray ZL1BPU

202. RE: [transworld_radio] User Manual

Yahoo group: transworld_radio
Date: 2006-08-10 02:03:19 UTC
From: david belt
Topic: 198 Message: 202

Hello Murray

I cliicked on the link for the MF/LF mod but I couldn't find it?

Dave NA4VY

From: "zl1bpu"
Reply-To: transworld_radio@yahoogroups.com
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] User Manual
Date: Mon, 07 Aug 2006 21:02:05 -0000

Thanks Marcus,

Actually I've just posted my 'Unoffficial User Manual' in the files
section of this reflector. I hope it's useful (and accurate!)

I've also just posted a mod to the TW100UK site:
(http://homepage.ntlworld.com/tw100uk/mods.htm)

It allows the TW100 to receive very nicely on LF and MF.

We could not survive without that Service Manual you went to the
trouble to provide. Thanks!

Murray ZL1BPU

Check out the future of MSN Spaces! Share with friends and explore new ones.
(http://g.msn.com/8HMAENUS/2737??PS=47575)

203. New mod descriptions

Yahoo group: transworld_radio
Date: 2006-08-10 21:06:14 UTC
From: Markus Baertschi
Topic: 203 Message: 203
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

204. LF Mod

Yahoo group: transworld_radio
Date: 2006-08-11 04:22:25 UTC
From: Greenman Family
Topic: 204 Message: 204

Dave,

Seems Keith hasn't actually posted the mod yet. Essentially all you do is connect a cable in parallel with the one that goes from the filter board into the receiver. I used very fine Teflon coax so it would fit out the tiny gap between the DC power connector and the back panel. You need to switch the -12dB attenuator IN to prevent the LP filter shunting ghe signal (the switch works backwards on LF) and disconnect the HF antenna.

You can't tune up and down, but on channel 00 you can enter frequencies down to 100kHz by entering the frequency but NOT pressing F afterwards. For example, for 136kHz, press C00F1360 and it will work. There is full gain right down to 100kHz, but you'll need to use an active antenna with a low pass filter to keep the broadcast band out. If you try to use an HF antenna you'll get lots of hum and intermod.

I love my TW100! Nice rig. More simple mods coming...

73,
Murray ZL1BPU

205. TW-7000

Yahoo group: transworld_radio
Date: 2006-08-11 16:47:50 UTC
From: KD4YOL@aol.com
Topic: 205 Message: 205

Hi All, My TW-100 is well. I was wondering if anyone knew where I could find more information about the TW-7000. One of my buddies said I could use his if I found/ bought the computer card for it. Any help would be great. Thanks. Rob. KD4YOL@...

_____
Check out AOL.com today. Breaking news, video search, pictures, email and IM. All on demand. Always Free.

206. Rack Kit for TW-100

Yahoo group: transworld_radio
Date: 2006-08-11 18:28:09 UTC
From: ki4dvv
Topic: 206 Message: 206

Is there a rack kit available for the TW-100? I just acquired a TW-100 and want to get it set up in my shack.

207. LF Mods

Yahoo group: transworld_radio
Date: 2006-08-12 01:01:29 UTC
From: Greenman Family
Topic: 207 Message: 207

Markus,

I appreciate your mod for LF reception is tidier, and certainly more convenient, but how does it affect (a) broadcast band breakthrough to the second IF, and (b) intermod on HF signals?

I was reluctant to make such a change as I did not want to compromise HF performance.

Unfortunately (although technically it should be possible!) even with your mod there is no way to transmit on LF. We need to find a way to re-educate the micro!

73,
Murray ZL1BPU

208. Re: [transworld_radio] LF Mods

Yahoo group: transworld_radio
Date: 2006-08-12 12:08:52 UTC
From: Markus Baertschi
Topic: 207 Message: 208
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

209. New micro for TW100

Yahoo group: transworld_radio
Date: 2006-08-13 03:48:45 UTC
From: Greenman Family
Topic: 209 Message: 209

Markus,

I'm your man! I have also thought of improving the microcontroller in the TW100. I happen to have a lot of experience with AVR processors, and know how to make them work in sleep mode so they don't cause interference.

I have two suggestions. The most complex is to make a completely new board that exactly replaces the board that is there. I don't have the ability to make such a complex board, but with some help (and time!) could design the circuit requirements. This would obviously be the best way, as the design would be able to do whatever we want, including emulating CAT protocols for other processors, and providing improved local control. There is however a very limited market, so a lot of effort for little reward.

I think some of the advanced features would be very difficult to reverse engineer (Transcall, Selcall, existing remote control, tuner control, transmit operation below 1.6MHz), so I not would wish to try them, or at least leave them until later. Operating the existing display might also be difficult. Perhaps one could replace the display with something with more room, but smaller characters?

The other suggestion is much more limited, and something that could be built on a small project board and fitted inside a diecast box in the transceiver. This would take serial commands (in some preferred protocol), and simply drive the existing keypad, in parallel with the present controller. This I plan to do some time in the next year or so.

I would be pleased to take on the first suggestion (with some coding and testing assistance, since it is a big job) if someone else offers to make the circuit boards! My preference is to use the ATTINY2313 or ATMEGA8 processor, but I have yet to check what resources are needed.

I don't want to hack my beautiful TW100 about, so if someone has a broken one, or one with no processor board that I could test with, let me know.

73,
Murray ZL1BPU

Oh, and OK about the LF option. I agree, a relay would be the best solution. Then we could switch IN a low pass filter in place of the high pass filter.

210. Re: [transworld_radio] New micro for TW100

Yahoo group: transworld_radio
Date: 2006-08-13 08:56:39 UTC
From: Markus Baertschi
Topic: 209 Message: 210
Attachments: 2 described; binary payloads are missing from this source WARC

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[ Attachment content not displayed ]
```

211. Re: [transworld_radio] New micro for TW100

Yahoo group: transworld_radio
Date: 2006-08-13 17:21:43 UTC
From: Markus Baertschi
Topic: 209 Message: 211
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

212. Re: New micro for TW100

Yahoo group: transworld_radio
Date: 2006-08-14 01:50:39 UTC
From: zl1bpu
Topic: 209 Message: 212

Markus,

You have been busy! Yes, i agree that your daughter board approach would be a very tidy solution, but there are a couple of problems:

1. Unless you have a spare M9MP processor board, you have to actually destroy your radio until you have the new version running!

2. The development would be quite difficult, because without two radios you would not be able to develop the new software and reverse engineer the old functions in quick succession.

I think there might be two solutions: (a) remove ONLY the 8039 processor, and fit a ZIF socket. The RAM and ROM would be best disabled by simply deselecting them. (b) providing a socket for the 8039 on the new board, and a switch to swap processors. This might be a bit tricky!

I am concerned about reverse engineering the serial data to the synthesizers and the display. Obviously the best answer is to find a good M9MP board from a broken transceiver, or a transceiver that has a dead M9MP board (and maybe plenty other dead parts as well). I don't have any spares at all here.

Also, I think your design is a bit complex. Versatile, I agree, but I tend to think small. (I also only code in assembler). We should be able to replicate the existing functions and add serial comms with a small processor like the 2313. At present my only programming experience is limited to the older smaller processors (AT90S2313 and AT90S4433), and will have to gear up for others, with new tools and a new ISP programmer.

There are two possible alternatives to the design that I can see - and both have disadvantages:

1. We could design a complete replacement board. This would be simpler than the original (no need for timers RAM/ROM etc), but we'd still need the 4094 shift registers and level shifters to give the correct voltage levels. Quite a big board to design and lay out. This alternative could very nicely drive a two-line 16 character LCD display.

2. We could make an additional board which simply connects to the keypad plug and 'pushes the buttons'. This would be a simple board (one chip) and easy to make on a small project board. However, the functions would be limited to the original functions of the keypad and other push-buttons.

Unless there is interest from others though, I think we are likely to be making only two units - one for you and one for me! It seems then that a small simple solution would be better. Unless there's more interest from others, we'd best discuss this off the reflector.

73,
Murray ZL1BPU

213. Re: TW100F FLY-AWAY HF SSB TRANSCEIVER

Yahoo group: transworld_radio
Date: 2006-08-15 02:18:08 UTC
From: zl1bpu
Topic: 187 Message: 213

Michael,

Did you ever sell your TW100F fly-away? I would be interested to know how much you got for it, or if not sold, how much you want for it. The freight cost from me to you would likely be the killer!

Just interested.

73,
Murray ZL1BPU

214. Re: [transworld_radio] Re: TW100F FLY-AWAY HF SSB TRANSCEIVER

Yahoo group: transworld_radio
Date: 2006-08-15 20:06:18 UTC
From: Gary Garrison
Topic: 187 Message: 214

Michael,

I never had a Fly Away for sale. I wanted to buy one but didn't have one for sale.

Thanks
Gary K4TKX

zl1bpu wrote:

> Michael,
>
> Did you ever sell your TW100F fly-away? I would be interested to know
> how much you got for it, or if not sold, how much you want for it. The
> freight cost from me to you would likely be the killer!
>
> Just interested.
>
> 73,
> Murray ZL1BPU
>
>

215. Re: [transworld_radio] Re: TW100F FLY-AWAY HF SSB TRANSCEIVER

Yahoo group: transworld_radio
Date: 2006-08-15 22:54:07 UTC
From: Smitty
Topic: 187 Message: 215

Gary,

I have not sold my fly away to date. Not for lack of interest but lack of time to pursue a sale
at my end. My biggest obstacle is trying to educated on a market price for this item. If you are
seriously interested then I will actually sit down and come up with a price.

As far as shipping... where are you located?

More later,

Michael

--- Gary Garrison <grg60@...> wrote:

> Michael,
>
> I never had a Fly Away for sale. I wanted to buy one but didn't have one
> for sale.
>
> Thanks
> Gary K4TKX
>
> zl1bpu wrote:
>
> > Michael,
> >
> > Did you ever sell your TW100F fly-away? I would be interested to know
> > how much you got for it, or if not sold, how much you want for it. The
> > freight cost from me to you would likely be the killer!
> >
> > Just interested.
> >
> > 73,
> > Murray ZL1BPU
> >
> >
>
>
>

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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

216. LF mod

Yahoo group: transworld_radio
Date: 2006-08-17 05:23:04 UTC
From: Jay Sario
Topic: 216 Message: 216

Hi To All,

I did the LF mod by Markus, it worked, I was able to receive broadcast stations with good signals below 1600khz, but whenever I input frequencies below 600khz, the frequency is like crawling, it does not lock on to the frequency. Is this a side effect of the mod or something is wrong with my radio.

I did the mod of Markus the way he instructed it, lifting only one side of the coils.

Sorry I'm not really into electronics, I just enjoy tinkering with my radio.

thank you.

217. Re: [transworld_radio] LF mod

Yahoo group: transworld_radio
Date: 2006-08-17 20:23:09 UTC
From: Markus Baertschi
Topic: 216 Message: 217
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

218. Re: LF mod

Yahoo group: transworld_radio
Date: 2006-08-18 05:46:03 UTC
From: Jay Sario
Topic: 216 Message: 218

Hi Markus,

Its okay, same here nothing much to hear below 600khz, I was just wondering if I did something wrong or something is wrong with radio. Anyways, thanks for the info on the mod, I can now get better signals on the BC band.

Goodluck on your project with the microprocessor board.

God bless.

--- In transworld_radio@yahoogroups.com, "Markus Baertschi" <markus@...> wrote:
>
> Hi Jay,
>
> I have not spent much time verifying the achievable frequency range. The
> radio
> is specified starting with 1.6Mhz, so 500kHz is actually not that bad. There
> is not
> much going on over here so I didn't do much testing.
>
> Markus
>
> On 8/17/06, Jay Sario <jay_sario@...> wrote:
> >
> > Hi To All,
> >
> > I did the LF mod by Markus, it worked, I was able to receive broadcast
> > stations with good signals below 1600khz, but whenever I input
> > frequencies below 600khz, the frequency is like crawling, it does not
> > lock on to the frequency. Is this a side effect of the mod or
> > something is wrong with my radio.
> >
> > I did the mod of Markus the way he instructed it, lifting only one
> > side of the coils.
> >
> > Sorry I'm not really into electronics, I just enjoy tinkering with my
> > radio.
> >

> > thank you.
> >
> >
> >
> >
> >
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
> >
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du RossÃ© 14b Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>

219. Pin out for the TW-100F

Yahoo group: transworld_radio
Date: 2006-08-18 21:37:45 UTC
From: Mark Nallick
Topic: 219 Message: 219

Anyone have the pin out for the TW-100F mic and accy plugs....

tnx wa4mn@arrl.net

220. LF Reception

Yahoo group: transworld_radio
Date: 2006-08-19 07:39:52 UTC
From: Greenman Family
Topic: 220 Message: 220

You guys are clearly not aware of what there is around on LF!

There are many signals on LF, in all parts of the world. For a start, the Non-Directional Beacons (aircraft navigation beacons) from 200 - 400kHz, the Amateur bands, and many other commercial and military stations all the way down to 8kHz. While the TW100 won't tune down there, there are of course several time and frequency stations between 40 and 80kHz, and they can be received all over the world, over very long ranges.

My TW100 will operate from 100kHz (where I hear Loran), but you must use channel 00, and you can't press 'F' after entering the frequency, or it won't accept the frequency.

The secret is to use a proper LF antenna. A longwire or HF antenna will get you nowhere. Perhaps the simplest antenna to use is the PA0RDT mini-whip (an active whip), which is very easy to make, and gives very strong signals.

73,
Murray ZL1BPU

221. TW1013B model??

Yahoo group: transworld_radio
Date: 2006-09-13 07:10:45 UTC
From: Jay Sario
Topic: 221 Message: 221

Hello to All,

I just want to ask if there is such model like Transworld TW-1013B HF radio??? Any info also on its specs and if possible picture also.

Thank you very much.

222. Racal badged VRM transceiver

Yahoo group: transworld_radio
Date: 2006-09-13 07:44:55 UTC
From: comms_uk
Topic: 222 Message: 222

Hi Guys, has anyone any information (circuits, schematics) on the 4 channel HF transceiver badged RACAL but made by Transworld Radio? I believe AEL in the UK sold it too! One I was fixing up for a friend just died!

73's

Vic Tuff
G7PYR

223. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2006-09-14 14:50:19 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 223

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/RAT400 Operators Manual.pdf
Uploaded by : chucku <chucku@...>
Description : Operators manual for the RAT400 (and RAT1000) Automatic Antenna Tuner

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/RAT400%20Operators%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

chucku <chucku@...>

224. RECENT PURCHASE

Yahoo group: transworld_radio
Date: 2006-09-18 10:36:51 UTC
From: epizoodics
Topic: 224 Message: 224

i JUST PICKED UP A TW100, IN VERY CLEAN CONDX WITH A GREAT SERVICE MANUAL, THIS UNIT WAS MFD ABOUT 1991, AND APPEARS TO WORK FINE, EXCEPT OUTPUT IS A LITTLE LOW, ADJUSTED R16 ON BOARD M5 BUT CANNOT GET IT TO COME UP TO 100 WATTS, ANY SUGGESTIONS, K4KTM 919-608-3519 , RALEIGH, NC

225. TW100 OWNERS IN MY AREA

Yahoo group: transworld_radio
Date: 2006-09-21 10:37:51 UTC
From: epizoodics
Topic: 225 Message: 225

LIVE IN RALEIGH, NC, ANYONE IN THIS AREA WITH ONE OF THESE UNITS? GOT MINE WORKING ON 25VDC FOR THE MOMENT, UNREGULATED, WHICH IS FINE , BUT HAVE AN 18 AMP ASTRON ON THE WAY, K4KTM

226. Re: [transworld_radio] TW100 OWNERS IN MY AREA

Yahoo group: transworld_radio
Date: 2006-09-21 14:47:49 UTC
From: Markus Baertschi
Topic: 225 Message: 226
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

227. Re: Racal badged VRM transceiver

Yahoo group: transworld_radio
Date: 2006-09-22 18:07:21 UTC
From: g3vkm
Topic: 222 Message: 227

--- In transworld_radio@yahoogroups.com, "comms_uk" <vtuff59795@...>
wrote:
>
> Hi Guys, has anyone any information (circuits, schematics) on the 4
> channel HF transceiver badged RACAL but made by Transworld Radio? I
> believe AEL in the UK sold it too! One I was fixing up for a friend
> just died!
>
> 73's
>
> Vic Tuff
> G7PYR
>

Hi Vic,

Is that the AEL 3030? Racal used them a lot and I think I still have
the complete manual somewhere.

73,

Roger Basford, G3VKM

228. TW7000?

Yahoo group: transworld_radio
Date: 2006-09-23 10:17:05 UTC
From: g3vkm
Topic: 228 Message: 228

Hi All,

I'm a new member and there looks to be a lot of interesting info on this group!

I've been given a bunch of TW-100 and TW-7000 transceivers plus ATUs and wonder if there's anyone on the group who runs a 7000? I'm mainly interested in using the rig for data operations so any info on the service connectors on the back would be great but any advice welcomed.

73,

Roger Basford, G3VKM - Norfolk, England.

229. KI4DW WANTS RACK MOUNT

Yahoo group: transworld_radio
Date: 2006-09-23 22:16:00 UTC
From: epizoodics
Topic: 229 Message: 229

KI4DW, I HAVE A COMPLETE RACK MOUNT , IF YOU NEED, CALL ME , K4KTM, 919-608-3519

230. TW100 "LPX " SWITCH

Yahoo group: transworld_radio
Date: 2006-09-23 22:11:48 UTC
From: epizoodics
Topic: 230 Message: 230

MY UNIT HAS THE ABOVE CAPTIONED SWITCH ON THE FRONT PANEL, NO REFERENCE TO IT IN THE BOOK, IT SEEMS TO BE SOME KIND OF SPEECH PROCESSOR, IT REALLY FOULS UP THE CW OUTPUT, KINDA SOUNDS AS IF IT MAKES FSK SOUNDS OFF FREQ , ANY IDEAS??? THANKS, K4KTM

231. RE: [transworld_radio] TW100 OWNERS IN MY AREA

Yahoo group: transworld_radio
Date: 2006-09-24 04:29:24 UTC
From: david belt
Topic: 225 Message: 231

I am in Cedar Grove NC about an hour away. Somewhere I had a card of a person who did repair work on these units and went to the Raleigh Hamfest. Unfortunately I am in China and won't be back for a week or so.

Dave NA4VY

From: "epizoodics"
Reply-To: transworld_radio@yahoogroups.com
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW100 OWNERS IN MY AREA
Date: Thu, 21 Sep 2006 10:37:51 -0000

LIVE IN RALEIGH, NC, ANYONE IN THIS AREA WITH ONE OF THESE UNITS? GOT
MINE WORKING ON 25VDC FOR THE MOMENT, UNREGULATED, WHICH IS FINE , BUT
HAVE AN 18 AMP ASTRON ON THE WAY, K4KTM

Express yourself - download free Windows Live Messenger themes!
(http://g.msn.com/8HMBENUS/2746??PS=47575)

232. Re: [transworld_radio] TW100 "LPX " SWITCH

Yahoo group: transworld_radio
Date: 2006-09-24 11:55:01 UTC
From: Markus Baertschi
Topic: 230 Message: 232
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

233. Digital modes on TW100

Yahoo group: transworld_radio
Date: 2006-09-24 23:31:50 UTC
From: Greenman Family
Topic: 233 Message: 233

Roger,

There's a manual for the TW100 available on the internet, which you should find easily enough - although it is a HUGE download. (Thanks to Markus for the manual). The manual contains all the details of the rear panel connections.

I can also advise you on running the TW100 on digital modes. I have the version with built-in AC supply, and it runs happily up to about 50W average output until it gets noticeably hummy (the power supply is unregulated). However, it's best if you use a fan sitting above the heatsink to suck air through and keep it cool. I power the fan off the DC INPUT socket on the back - 19V comes OUT the socket when on the AC supply! With an external supply you should be able to run even more power, but then who would need to on digital modes?

I run mostly DominoEX, which is a 100% duty cycle mode, but it also happily runs PSK31 at 50W average with quite low IMD, and runs 25W average power MT63 quite OK. That's more than most rigs will in all cases. You will need to adjust output power by adjusting the drive at the PC sound card, as there's no mic gain, and besides, you don't want the TW100 VOGAD circuit causing IMD (as it would on PSK31 for example). Keep the output as low as necessary to achieve the required power.

Connections are simple. You don't really need the rear panel connectors, and in fact apart from picking up power and RX audio from there, I found it easier to use the front panel mic socket. This is because I've found there's no easy way to send TX audio in the back sockets. I simple made up an adaptor cable for my Westmountain Radio Rigblaster - it was already set up for Kenwood 8-pin radios, and I simply made an identical cable, but with a DIN mic connector on the other end. I found that the Kenwood dynamic mic (connected to the Rigblaster) operates very well with it, and of course gives instant SSB/Digi switch-over.

BTW, I would LOVE to know more about the antenna tuners - if you have a spare one, I'd love to buy it if the price isn't too high. Shipping cost is of course a worry! Sorry, I don't have any info on the tuners, although the tuner interface at the radio end is well described in the manual.

Let me know if I can help further. You probably know from my book 'Digital Modes for All Occasions' (RSGB) that I know as much as anyone about running digital modes.

73,
Murray ZL1BPU

234. Metron TWC-V4 mobile radio ...anyone know what it is???

Yahoo group: transworld_radio
Date: 2006-09-30 21:17:02 UTC
From: Mike
Topic: 234 Message: 234

A friend at work gave me a Metron TWC-V4 mobile radio this week. I don't know what band it is on. Does anyone have any info on this radio? It was built by Trans World Communications Escondido California.

Many thanks,
Mike
WE0H
WD2XGI
WD2XSH/16

235. Re: Rack Kit for TW-100

Yahoo group: transworld_radio
Date: 2006-10-04 18:43:49 UTC
From: g3vkm
Topic: 206 Message: 235

--- In transworld_radio@yahoogroups.com, "ki4dvv" <ki4dvv@...> wrote:
>
> Is there a rack kit available for the TW-100? I just acquired a TW-100
> and want to get it set up in my shack.
>

Hi Larry,

You don't appear to be getting my direct e-mails about the rack unit I
have here for you. Could you respond via the TW group?

73,

Roger/G3VKM

236. Re: Rack Kit for TW-100

Yahoo group: transworld_radio
Date: 2006-10-04 19:19:55 UTC
From: ki4dvv
Topic: 206 Message: 236

--- In transworld_radio@yahoogroups.com, "g3vkm" <Roger@...> wrote:
>
> --- In transworld_radio@yahoogroups.com, "ki4dvv" <ki4dvv@> wrote:
> >
> > Is there a rack kit available for the TW-100? I just acquired a TW-
100
> > and want to get it set up in my shack.
> >
>
> Hi Larry,
>
> You don't appear to be getting my direct e-mails about the rack unit I
> have here for you. Could you respond via the TW group?
>
> 73,
>
> Roger/G3VKM

Hi Roger,

I've sent you a few e-mails but all I get back is a FW copy of your
original e-mail. No matter, what I'm needing is the amount of postage
you want so I can include it in the Paypal transmittal.

Shipping will be to Jesup, Georgia 31545 USA.

Regards,
Wallace/KI4DVV
>

237. Re: Rack Kit for TW-100

Yahoo group: transworld_radio
Date: 2006-10-04 20:00:54 UTC
From: g3vkm
Topic: 206 Message: 237

--- In transworld_radio@yahoogroups.com, "ki4dvv" <ki4dvv@...> wrote:
>
> --- In transworld_radio@yahoogroups.com, "g3vkm" <Roger@> wrote:
> >
> > --- In transworld_radio@yahoogroups.com, "ki4dvv" <ki4dvv@> wrote:
> > >
> > > Is there a rack kit available for the TW-100? I just acquired a TW-
> 100
> > > and want to get it set up in my shack.
> > >
> >
> > Hi Larry,
> >
> > You don't appear to be getting my direct e-mails about the rack unit I
> > have here for you. Could you respond via the TW group?
> >
> > 73,
> >
> > Roger/G3VKM
>
> Hi Roger,
>
> I've sent you a few e-mails but all I get back is a FW copy of your
> original e-mail. No matter, what I'm needing is the amount of postage
> you want so I can include it in the Paypal transmittal.
>
> Shipping will be to Jesup, Georgia 31545 USA.
>
> Regards,
> Wallace/KI4DVV
> >
>
Hi Walalce,

I've replied direct, so see if it comes through OK. If nothing arrives
within a few hours come back to me via the group.

73,

Roger

238. Looking for TW-100

Yahoo group: transworld_radio
Date: 2006-10-08 12:10:15 UTC
From: twoube
Topic: 238 Message: 238

Anyone have a working one FS?

Thanks
John K5MO

239. Re: [transworld_radio] Looking for TW-100

Yahoo group: transworld_radio
Date: 2006-10-08 14:59:32 UTC
From: Smitty
Topic: 238 Message: 239

John,

I have a flyaway one sitting in my closet.

--- twoube <johnmb@...> wrote:

> Anyone have a working one FS?
>
> Thanks
> John K5MO
>
>
>
>

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http://mail.yahoo.com

240. Re: [transworld_radio] Looking for TW-100

Yahoo group: transworld_radio
Date: 2006-10-08 15:11:44 UTC
From: john
Topic: 238 Message: 240

Hi Smitty

Thanks for writing...can you share details...condx.cost, pix, etc?

Many thanks!
John

At 10:59 AM 10/8/2006, you wrote:
>John,
>
>I have a flyaway one sitting in my closet.
>
>--- twoube <johnmb@...> wrote:
>
> > Anyone have a working one FS?
> >
> > Thanks
> > John K5MO
> >
> >
> >
> >
>
>
>_____
>Do You Yahoo!?
>Tired of spam? Yahoo! Mail has the best spam protection around
>http://mail.yahoo.com
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>Yahoo! Groups Links
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>--
>Internal Virus Database is out-of-date.
>Checked by AVG Free Edition.
>Version: 7.1.405 / Virus Database: 268.12.8/455 - Release Date: 9/22/2006

--
Internal Virus Database is out-of-date.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.12.8/455 - Release Date: 9/22/2006

241. Wanted - AT100

Yahoo group: transworld_radio
Date: 2006-10-09 19:56:54 UTC
From: zl1bpu
Topic: 241 Message: 241

Hi,

Does anybody have a matching Transworld Tuner for the TW100 that they don't need? I believe the part number is AT100, but I'm interested in any surplus TW tuner that is similar.

If you're prepared to part with it, please let me know how much, and an estimate of the shipping cost to New Zealand.

I love my TW100! I use it daily as my main shack rig.

73,
Murray ZL1BPU

242. TW2000 manual

Yahoo group: transworld_radio
Date: 2006-10-10 15:20:26 UTC
From: z21gx
Topic: 242 Message: 242

Hello--can anyone help with a service manual for the TW2000?--73--
Trevor--Z21GX.

243. Re: TW2000 manual

Yahoo group: transworld_radio
Date: 2006-10-10 16:59:51 UTC
From: g3vkm
Topic: 242 Message: 243

--- In transworld_radio@yahoogroups.com, "z21gx" <z21gx@...> wrote:
>
> Hello--can anyone help with a service manual for the TW2000?--73--
> Trevor--Z21GX.
>

Hi Trevor,

This outfit lists the TW-2000 technical manual:-

http://www.american-milspec.com/c785.html

I've ordered some TW-100 and TW-7000 stuff from them, as yet it hasn't
turned up but early days yet.

73,

Roger/G3VKM

244. Re: TW2000 manual

Yahoo group: transworld_radio
Date: 2006-10-10 20:01:53 UTC
From: Keith Watkins
Topic: 242 Message: 244

--- In transworld_radio@yahoogroups.com, "g3vkm" <Roger@...> wrote:
>
> --- In transworld_radio@yahoogroups.com, "z21gx" <z21gx@> wrote:
> >
> > Hello--can anyone help with a service manual for the TW2000?--73--
> > Trevor--Z21GX.
> >
>
> Hi Trevor,
>
> This outfit lists the TW-2000 technical manual:-
>
> http://www.american-milspec.com/c785.html
>
> I've ordered some TW-100 and TW-7000 stuff from them, as yet it
hasn't
> turned up but early days yet.
I believe they bought the remaining stock from Mike Murphy.
Regards Keith.
>
> 73,
>
> Roger/G3VKM
>

245. TRANSWORLD RADIO ? MODEL

Yahoo group: transworld_radio
Date: 2006-10-29 21:11:52 UTC
From: billnbet1951
Topic: 245 Message: 245

I RECENTLY BOUGHT A TRANSWORLD RADIO BUT I CAN'T FIND A MODEL NUMBER ANYWHERE ON THE UNIT. ANY HELP WOULD BE APPRECIATED.

THANKS.

246. Re: [transworld_radio] TRANSWORLD RADIO ? MODEL

Yahoo group: transworld_radio
Date: 2006-10-29 21:46:09 UTC
From: john
Topic: 245 Message: 246

A picture might help!

At 04:11 PM 10/29/2006, you wrote:
>I RECENTLY BOUGHT A TRANSWORLD RADIO BUT I CAN'T FIND A MODEL NUMBER
>ANYWHERE ON THE UNIT. ANY HELP WOULD BE APPRECIATED.
>
>THANKS.
>
>
>
>
>
>
>Yahoo! Groups Links
>
>
>
>
>
>--
>No virus found in this incoming message.
>Checked by AVG Free Edition.
>Version: 7.1.405 / Virus Database: 268.13.14/501 - Release Date: 10/26/2006

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.13.14/501 - Release Date: 10/26/2006

247. Re: TRANSWORLD RADIO ? MODEL

Yahoo group: transworld_radio
Date: 2006-10-29 22:36:42 UTC
From: billnbet1951
Topic: 245 Message: 247

--- In transworld_radio@yahoogroups.com, john <johnmb@...> wrote:
>
> A picture might help!
>
>
>
>
> At 04:11 PM 10/29/2006, you wrote:
> >I RECENTLY BOUGHT A TRANSWORLD RADIO BUT I CAN'T FIND A MODEL NUMBER
> >ANYWHERE ON THE UNIT. ANY HELP WOULD BE APPRECIATED.
> >
> >THANKS.
> >
> >
> >
> >
> >
> >
> >Yahoo! Groups Links
> >
> >
> >
> >
> >
> >--
> >No virus found in this incoming message.
> >Checked by AVG Free Edition.
> >Version: 7.1.405 / Virus Database: 268.13.14/501 - Release Date:
10/26/2006
>
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.1.405 / Virus Database: 268.13.14/501 - Release Date:
10/26/2006
>HOW DO I GET A PICTURE IN THIS?

248. TW100 site updated

Yahoo group: transworld_radio
Date: 2006-11-04 14:34:44 UTC
From: Keith Watkins
Topic: 248 Message: 248

See Mods section.
Thanks Keith.

249. I was wondering if anyone had ran across this site

Yahoo group: transworld_radio
Date: 2006-11-06 13:22:18 UTC
From: waward41
Topic: 249 Message: 249

http://www.g4ftc.co.uk/amplifiers/tw500a/home.htm

250. TW-7000 mic plugs?

Yahoo group: transworld_radio
Date: 2006-11-14 18:50:18 UTC
From: g3vkm
Topic: 250 Message: 250

Hi All,

I'm making a start on checking out the two TW-7000 transceiver I acquired recently but I have been unable to identify the mic plug they use. I have contacted Datron but they haven't responded and the type isn't specified in the OPs manual.

Have put a photo of the socket on the web site in the Identification & Modification folder, the barrel of the socket is threaded and has an O/D of 10mm.

I'm looking for two of these connectors if any one can help!

73,

Roger - G3VKM

251. Re: [transworld_radio] TW-7000 mic plugs?

Yahoo group: transworld_radio
Date: 2006-11-14 19:11:22 UTC
From: Dave Panek
Topic: 250 Message: 251

The manufactuerer is HIROSE. I dont remember the specific model # though.
Dave

----- Original Message -----
From: g3vkm
To: transworld_radio@yahoogroups.com
Sent: Tuesday, November 14, 2006 1:50 PM
Subject: [transworld_radio] TW-7000 mic plugs?

Hi All,

I'm making a start on checking out the two TW-7000 transceiver I acquired recently but I have been unable to identify the mic plug they use. I have contacted Datron but they haven't responded and the type isn't specified in the OPs manual.

Have put a photo of the socket on the web site in the Identification & Modification folder, the barrel of the socket is threaded and has an O/D of 10mm.

I'm looking for two of these connectors if any one can help!

73,

Roger - G3VKM

252. Re: TW-7000 mic plugs?

Yahoo group: transworld_radio
Date: 2006-11-14 19:32:58 UTC
From: g3vkm
Topic: 250 Message: 252

--- In transworld_radio@yahoogroups.com, "Dave Panek" <dlpanek@...> wrote:
>
> The manufactuerer is HIROSE. I dont remember the specific model #
though.
> Dave
>

Thanks Dave,

Found them! It's an SR30 series plug.

Cheers,

Roger Basford

253. TW-100 and AT-100 on UK EBay tonight

Yahoo group: transworld_radio
Date: 2006-11-15 17:20:25 UTC
From: g3vkm
Topic: 253 Message: 253

Hi All,

I've just uploaded a TW-100 and a AT-100 for auction on UK eBay, they should appear sometime after 1930 UTC. See items 120053617855 and 120053618438. The items are untested but appear to be in good internal order, although they have been in commercial service for several years and the cases have seen plenty of use!

73,

Roger Basford - G3VKM Norfolk, England.

254. Operating manuals etc

Yahoo group: transworld_radio
Date: 2006-11-16 17:48:47 UTC
From: Keith Watkins
Topic: 254 Message: 254

http://www.casa.co.nz/equip/tx/Transworld/

Expect many of you know this one but just in case.
Thanks Murray
Regards Keith.

PS still looking for TW7000.

255. TW-7000 help

Yahoo group: transworld_radio
Date: 2006-11-17 23:44:48 UTC
From: Joseph Pinner
Topic: 250 Message: 255

Well, I need help!!!!!

I was careless (an understatement) an hooked my Datron TW7000 to my 24V buss rather than the correct 12 V buss.

Despite the fact that it is supposed to have under/over voltage protection, it does not come on.

The fuse is OK.

Any one have maintenance docs on this set!!!!

Joseph Pinner +
818 Hill St
Kingston, TN 37763

KC5IJD / NNN0PHR

256. RT100 scan speed

Yahoo group: transworld_radio
Date: 2006-11-22 05:01:07 UTC
From: Jay Sario
Topic: 256 Message: 256

Hello To All,

Just would like to ask for any idea or if it is possible that when you press the up or down button in the keypad, the speed will be 1khz instead of 100hz. Maybe put a switch to change from 100hz to 1khz.

Thank you.

257. Re: RT100 scan speed

Yahoo group: transworld_radio
Date: 2006-11-23 17:40:14 UTC
From: Keith Watkins
Topic: 256 Message: 257

--- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@...>
wrote:
>
> Hello To All,
>
> Just would like to ask for any idea or if it is possible that when
you
> press the up or down button in the keypad, the speed will be 1khz
> instead of 100hz. Maybe put a switch to change from 100hz to 1khz.
>
> Thank you.
Jay,I think you would need to change the speed of the clock pulses at
the up & down buttons.That could be a problem.I quite fancy trying
something with a shaft encoder to give a real tuning knob.
Maybe a winter project Hi.Regards Keith.
>

258. Changing up/down speed etc, TW100

Yahoo group: transworld_radio
Date: 2006-11-26 04:14:58 UTC
From: Greenman Family
Topic: 258 Message: 258

There have been a few enquiries lately about changing the front panel function of these radios (changing up/down speed, adding a rotary dial, more memories, tuning on existing memories, LF operation etc).

These radios use a micro controller to operate all these functions, and further, the micro is 'asleep' until you press a button. This is done in order to eliminate potential interference from the micro into the radio receiver.

With this information in mind, you must realize that it is not possible to 'modify' the transceiver in any direct way, say using hardware. The only choice is to reprogram the micro controller so that it functions differently. Since we have no information about the existing program in order to modify it (even if there was enough spare code space), and so we need to develop a new program from the ground up.

There is a small amount of interest in a new micro controller for the TW100 family, we have a suitable circuit design already, and I am prepared to write the control software, but I need a spare (working or not) TW100 processor board to use as a development platform. Can anyone help? If we can pull this idea off, we can add any number of new features.

73,
Murray ZL1BPU

259. RE: [transworld_radio] Re: RT100 scan speed

Yahoo group: transworld_radio
Date: 2006-11-26 15:49:33 UTC
From: Arthur Kuhns
Topic: 256 Message: 259

To the group, If anyone comes up with a working dial to change freqs, please share with the group. I for one would love that information.

Art KK6PJ

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Keith Watkins
Sent: Thursday, November 23, 2006 9:40 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Re: RT100 scan speed

--- In transworld_radio@ <mailto:transworld_radio%40yahoogroups.com> yahoogroups.com, "Jay Sario" <jay_sario@...>
wrote:
>
> Hello To All,
>
> Just would like to ask for any idea or if it is possible that when you
> press the up or down button in the keypad, the speed will be 1khz
> instead of 100hz. Maybe put a switch to change from 100hz to 1khz.
>
> Thank you.
Jay,I think you would need to change the speed of the clock pulses at the up & down buttons.That could be a problem.I quite fancy trying something with a shaft encoder to give a real tuning knob.
Maybe a winter project Hi.Regards Keith.
>

260. TW-7000 Service Manual Needed

Yahoo group: transworld_radio
Date: 2006-11-26 22:27:16 UTC
From: Joseph Pinner
Topic: 250 Message: 260

Well, I am looking for a service manual for the Datron TW-7000.

Any help will be greatly appreciated.

Joseph Pinner +
818 Hill St
Kingston, TN 37763

KC5IJD / NNN0PHR

261. Re: RT100 scan speed

Yahoo group: transworld_radio
Date: 2006-11-26 22:26:36 UTC
From: Jay Sario
Topic: 256 Message: 261

Hi Keith,

Looks like it will be a major technical work...I thought it would
just like the mods with CB radios where you just put a switch
somewhere in the PLL and you jump 10khz.

Anyways, Thanks to everyone.

--- In transworld_radio@yahoogroups.com, "Keith Watkins"
<liner21@...> wrote:
>
> --- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@>
> wrote:
> >
> > Hello To All,
> >
> > Just would like to ask for any idea or if it is possible that
when
> you
> > press the up or down button in the keypad, the speed will be
1khz
> > instead of 100hz. Maybe put a switch to change from 100hz to
1khz.
> >
> > Thank you.
> Jay,I think you would need to change the speed of the clock pulses
at
> the up & down buttons.That could be a problem.I quite fancy trying
> something with a shaft encoder to give a real tuning knob.
> Maybe a winter project Hi.Regards Keith.
> >
>

262. Cable needed

Yahoo group: transworld_radio
Date: 2006-11-27 16:27:48 UTC
From: psi514@aol.com
Topic: 262 Message: 262

Hello Group

Need separation cable cable for an T-7000F fly-way rig. It separates the head to the main radio.

Thanks
Paul
AAR3GT

263. TW 100 problems

Yahoo group: transworld_radio
Date: 2006-11-27 18:09:49 UTC
From: Sandor
Topic: 263 Message: 263

I have just acquired a TW100 in a trade. It is suffering from a couple of maladies that should be easy to fix.

The first is distorted audio. I am using a 600 ohm mic and a 600 ohm headset. Both sound the same. Is the rig rated at high or low impendence? Another complaint is low audio with no punch to it.

I do have the fabled hum in the power supply but have as yet hooked it to 13.8 external. Still looking around my junk box's for a cord that will work safely. This is heard in the transmitted audio.

The other is the rig only seems to be putting out 50 watts at most. Could this be due to the internal power supply?

If you need more info I'll do my best to figure out more as I go along. If you can offer some suggestions it would be appreciated.

73 es God Bless
de KG4FET Sandor

264. additional info

Yahoo group: transworld_radio
Date: 2006-11-27 23:04:15 UTC
From: Sandor
Topic: 263 Message: 264

Looks like I have full output on CW on u/lsb. Pulled out the CW key today and tried it. sure enough 125 watts. So audio and power problems seem to related t the mic circuits.
Sandor

265. RE: [transworld_radio] TW 100 problems

Yahoo group: transworld_radio
Date: 2006-11-28 01:55:43 UTC
From: Arthur Kuhns
Topic: 263 Message: 265

Sandor, The first thing I would do is download the Maintenance manual from the yahoo transworld group page in the 'links' section. This manual is quite comprehensive and should help you in repairing your radio. Second check out the other transworld website with the link provided below. Third I would make sure your power supply is working properly before troubleshooting anything else. A weak power supply can cause a host of problems.

http://homepage.ntlworld.com/tw100uk/index.htm

Good Luck

Art KK6PJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Sandor
Sent: Monday, November 27, 2006 10:10 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW 100 problems

I have just acquired a TW100 in a trade. It is suffering from a couple of maladies that should be easy to fix.

The first is distorted audio. I am using a 600 ohm mic and a 600 ohm headset. Both sound the same. Is the rig rated at high or low impendence? Another complaint is low audio with no punch to it.

I do have the fabled hum in the power supply but have as yet hooked it to 13.8 external. Still looking around my junk box's for a cord that will work safely. This is heard in the transmitted audio.

The other is the rig only seems to be putting out 50 watts at most. Could this be due to the internal power supply?

If you need more info I'll do my best to figure out more as I go along. If you can offer some suggestions it would be appreciated.

73 es God Bless
de KG4FET Sandor

266. Re: TW 100 problems

Yahoo group: transworld_radio
Date: 2006-11-28 19:50:23 UTC
From: Keith Watkins
Topic: 263 Message: 266

Yes thats right Art.The internal PSU is not the greatest,you really do need a decent 20a external one.I put this in a mail to Sandor,don't get caught out thinking your radio is faulty because when you speak in the mic the front meter or indeed a Bird will only give 40w or so.
Single tone that may well be in excess of 100w + a higher meter reading.
This is explained in the manual.
Regards Keith.

--- In transworld_radio@yahoogroups.com, "Arthur Kuhns" <arthurkuhns@...> wrote:
>
> Sandor, The first thing I would do is download the Maintenance manual from
> the yahoo transworld group page in the 'links' section. This manual is
> quite comprehensive and should help you in repairing your radio. Second
> check out the other transworld website with the link provided below. Third I
> would make sure your power supply is working properly before troubleshooting
> anything else. A weak power supply can cause a host of problems.
>
>
>
>
>
> http://homepage.ntlworld.com/tw100uk/index.htm
>
>
>
> Good Luck
>
> Art KK6PJ
>
>
>
>
>
> _____
>
> From: transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com] On Behalf Of Sandor

> Sent: Monday, November 27, 2006 10:10 AM
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] TW 100 problems
>
>
>
> I have just acquired a TW100 in a trade. It is suffering from a
couple
> of maladies that should be easy to fix.
>
> The first is distorted audio. I am using a 600 ohm mic and a 600
ohm
> headset. Both sound the same. Is the rig rated at high or low
> impendence? Another complaint is low audio with no punch to it.
>
> I do have the fabled hum in the power supply but have as yet hooked
it
> to 13.8 external. Still looking around my junk box's for a cord
that
> will work safely. This is heard in the transmitted audio.
>
> The other is the rig only seems to be putting out 50 watts at most.
> Could this be due to the internal power supply?
>
> If you need more info I'll do my best to figure out more as I go
> along. If you can offer some suggestions it would be appreciated.
>
> 73 es God Bless
> de KG4FET Sandor
>

267. Link to Service manual

Yahoo group: transworld_radio
Date: 2006-11-28 22:16:47 UTC
From: Sandor
Topic: 267 Message: 267

I have tried several times to get to Marcus's page and download the service manual to no avail. The file has come back damaged all 3 times. I cannot get to his page directly either. Is it just me or is there an issue? Comes back as a Forbidden. I am going to try another way tonight but may need some help.
Thanks es God Bless
DE KG4FET Sandor

268. Re: [transworld_radio] Link to Service manual

Yahoo group: transworld_radio
Date: 2006-11-28 22:48:10 UTC
From: Markus Baertschi
Topic: 267 Message: 268
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

269. RT100MP

Yahoo group: transworld_radio
Date: 2006-11-29 03:05:27 UTC
From: Glenn Little
Topic: 269 Message: 269

I am new to the group, but not new to radio. I recently won a RT100MP on ebay. How is this radio different from a TW100? This radio uses 28VDC. Is this a 12VDC radio fed from a converter, or is the radio 28VDC? I suspect that the PA, as a minimum, runs on 28 VDC for efficiency. This would imply that there are at least some difference in the RT100MP and the TW100.

Any comments?

Thanks
73
Glenn
WB4UIV

270. RE: [transworld_radio] RT100MP

Yahoo group: transworld_radio
Date: 2006-11-29 04:20:46 UTC
From: Arthur Kuhns
Topic: 269 Message: 270

Hello Glenn, I too have the RT100MP. I love this radio. It is my primary amateur and MARS radio. Simple but effective.

There are several difference between the TW100 and the RT100MP. They are in the finals yes they are at 28volts and the power supply.

From page 12.3-1 of the tw100 manual it states "Excepting the M8 and M10 modules, the 28V and 12V versions of the transceiver are identical in every way" The M8 is the 28V power regulator and the M10 is the RF Power module.

The version of the manual located on the links of the yahoo site should have these pages.

The manual doesn't give exact pin out of the accessory plugs but with the schematics provided by the manual and an volt/ohm meter I have managed to direct wire my modems and such. These cannon plugs are expensive but some day I may break down and buy them.

If I can be of anymore assistance let me know. My direct email is arthurkuhns@...

Art KK6PJ

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Glenn Little
Sent: Tuesday, November 28, 2006 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT100MP

I am new to the group, but not new to radio. I recently won a RT100MP on ebay. How is this radio different from a TW100? This radio uses 28VDC. Is this a 12VDC radio fed from a converter, or is the radio 28VDC? I suspect that the PA, as a minimum, runs on 28 VDC for efficiency. This would imply that there are at least some difference in the RT100MP and the TW100.

Any comments?

Thanks
73
Glenn
WB4UIV

271. Re: [transworld_radio] RT100MP

Yahoo group: transworld_radio
Date: 2006-11-29 04:19:40 UTC
From: David Panek
Topic: 269 Message: 271

Some RT100s are 12 volt and some are 28 volt. It should be labeled on the side. 28 volt models us a different dc-dc convertor to supply 12 volts to the modules and 28 volt transistors in the power amplifier module. All other modules are identical.
Dave
----- Original Message -----
From: Glenn Little
To: transworld_radio@yahoogroups.com
Sent: Tuesday, November 28, 2006 10:05 PM
Subject: [transworld_radio] RT100MP

I am new to the group, but not new to radio. I recently won a RT100MP on ebay. How is this radio different from a TW100? This radio uses 28VDC. Is this a 12VDC radio fed from a converter, or is the radio 28VDC? I suspect that the PA, as a minimum, runs on 28 VDC for efficiency. This would imply that there are at least some difference in the RT100MP and the TW100.

Any comments?

Thanks
73
Glenn
WB4UIV

272. Service Manual and Missing Parts

Yahoo group: transworld_radio
Date: 2006-12-16 16:07:35 UTC
From: Sandor
Topic: 272 Message: 272

GM to the group,
I finally have the service manual downloaded and opened up the rig. I have looked at the RF module and found that I am missing U1. Inspection stickers on M7 and the regulator board state the rig was made in 1986 if that helps anyone. Is there a mod that would elminate the U1 on the RF board? I am not finding resting voltages on any of the rest of the RF deck.
Thanks, Merry Christmas
DE KG4FET Sandor

273. Re: Service Manual and Missing Parts

Yahoo group: transworld_radio
Date: 2006-12-16 16:36:41 UTC
From: lmunix
Topic: 272 Message: 273

The 12V and 28V RF modules are substantially the same. Primary difference is that the normal 28v module does not have the U1 circuit. So, you may have a 28v RF module that has been converted to 12v by changing the bias resistors associated with the final transistors.

Larry/K6ZIV

--- In transworld_radio@yahoogroups.com, "Sandor" <kg4fet96@...> wrote:
>
> GM to the group,
> I finally have the service manual downloaded and opened up the rig. I
> have looked at the RF module and found that I am missing U1.
> Inspection stickers on M7 and the regulator board state the rig was
> made in 1986 if that helps anyone. Is there a mod that would elminate
> the U1 on the RF board? I am not finding resting voltages on any of the
> rest of the RF deck.
> Thanks, Merry Christmas
> DE KG4FET Sandor
>

274. Service manual

Yahoo group: transworld_radio
Date: 2006-12-16 16:33:02 UTC
From: Joseph Pinner
Topic: 272 Message: 274

Help!

I still need service information for the TW-7000.

Joseph Pinner +
818 Hill Street
Kingston, TN 37763

KC5IJD / NNN0PHR

275. Looking for amp service

Yahoo group: transworld_radio
Date: 2006-12-16 16:16:24 UTC
From: john
Topic: 272 Message: 275

Is anyone aware of someone experienced in repairing the Transworld solid state amps?

Thank you
John K5MO

--
Internal Virus Database is out-of-date.
Checked by AVG Free Edition.
Version: 7.1.405 / Virus Database: 268.15.9/573 - Release Date: 12/5/2006

276. RAT100 tuner

Yahoo group: transworld_radio
Date: 2006-12-18 13:04:40 UTC
From: Jay Sario
Topic: 276 Message: 276

Hello to All,

Anyone who has instructions/diagram on how to connect an RAT-100 automatic antenna tuner to an RT-100 HF radio? I have plans of acquiring one but the seller told me it doesnt include the cables.

Thank you.

277. Re: Service manual

Yahoo group: transworld_radio
Date: 2006-12-18 17:00:30 UTC
From: Keith Watkins
Topic: 272 Message: 277

--- In transworld_radio@yahoogroups.com, Joseph Pinner <kc5ijd@...>
wrote:
>
> Help!
>
> I still need service information for the TW-7000.
>
>
> Joseph Pinner +
> 818 Hill Street
> Kingston, TN 37763
>
> KC5IJD / NNN0PHR

Have you tried the factory,heard they were very helpful.
Keith.
>

278. Re: [transworld_radio] RAT100 tuner

Yahoo group: transworld_radio
Date: 2006-12-18 20:58:03 UTC
From: arthurkuhns@charter.net
Topic: 276 Message: 278
Attachments: 1 described; binary payloads are missing from this source WARC

Jay, do you have a copy of the manual for the TW100? In the manual where it discusses cables is a pin out for the RT100 with the RAT100.
I do not have a copy of the complete manual here and I wish I had a copy of the RAT100 manual. I did include however the pin out of the cables for the TW100 and RAT100. The diagram gives the alphebet pin out for the RAT100 but leave you to figure which the corresponding letter to number from the RT100 to the TW100.
with out the cables are you going to directly wire the RAT100?
With the manual I have directly ohmed and Voltage tested the Aux plugs in the back to wire a TNC. Not fun but can be done.
Art
---- Jay Sario <jay_sario@...> wrote:
> Hello to All,
>
> Anyone who has instructions/diagram on how to connect an RAT-100
> automatic antenna tuner to an RT-100 HF radio? I have plans of
> acquiring one but the seller told me it doesnt include the cables.
>
> Thank you.
>

279. Re: TW 100 problems

Yahoo group: transworld_radio
Date: 2006-12-23 11:59:11 UTC
From: epizoodics
Topic: 263 Message: 279

--- In transworld_radio@yahoogroups.com, "Sandor" <kg4fet96@...>
wrote:
>
> I have just acquired a TW100 in a trade. It is suffering from a
couple
> of maladies that should be easy to fix.
>
> The first is distorted audio. I am using a 600 ohm mic and a 600
ohm
> headset. Both sound the same. Is the rig rated at high or low
> impendence? Another complaint is low audio with no punch to it.
>
> I do have the fabled hum in the power supply but have as yet
hooked it
> to 13.8 external. Still looking around my junk box's for a cord
that
> will work safely. This is heard in the transmitted audio.
>
> The other is the rig only seems to be putting out 50 watts at
most.
> Could this be due to the internal power supply?
>
> If you need more info I'll do my best to figure out more as I go
> along. If you can offer some suggestions it would be appreciated.
>
> 73 es God Bless
> de KG4FET Sandor
>My tw100 has some kind of low distortion in receive audio after it
heats up, I am confident that it is a component going south but have
not had time to dope it out, I do have the shopmanual, but mine is a
28vdc unit, so I am running it on a separate power supply, when I
got it , theu guy I got it from told me it was a 12v unit, but when
I got it home, I noticed a very small tag on the back, which said,
caution, 28volt unit, the guyI bought it from denied any knowledge
of this, but I had to rig my power supply , unregulated, and it put
out full boat 100 or up to 150 watts. I like the radio but need to
get the audio straightened out, K4KTM, 919-608-3519

280. Re: [transworld_radio] Re: TW 100 problems

Yahoo group: transworld_radio
Date: 2006-12-24 16:33:28 UTC
From: arthurkuhns@charter.net
Topic: 263 Message: 280

-
Sandor,
As in the message included in your email,having a properly working power supply with full voltage to the finals and other amplifiers in the radio is crucial to obtaining full power out and having clear audio. The TW100 has a audio amplifier that will forward perfect audio to the other stages of the radio. The required MIC for the TW00 from page 1-4 of the manual located from a link on the this forum link folder is any high quality dynamic, ceramic or controlled magnetic communications microphone with a PTT switch. The impedance of the microphone is nomimally 150 ohms but anything in the range of 100 - 2000 ohmns will work. First thing I would do is replace the power supply and then check to see how many of these faults you descibed are remaining.
Art
kk6PJ
--- epizoodics <epizoodics@...> wrote:
> --- In transworld_radio@yahoogroups.com, "Sandor" <kg4fet96@...>
> wrote:
> >
> > I have just acquired a TW100 in a trade. It is suffering from a
> couple
> > of maladies that should be easy to fix.
> >
> > The first is distorted audio. I am using a 600 ohm mic and a 600
> ohm
> > headset. Both sound the same. Is the rig rated at high or low
> > impendence? Another complaint is low audio with no punch to it.
> >
> > I do have the fabled hum in the power supply but have as yet
> hooked it
> > to 13.8 external. Still looking around my junk box's for a cord
> that
> > will work safely. This is heard in the transmitted audio.
> >
> > The other is the rig only seems to be putting out 50 watts at
> most.
> > Could this be due to the internal power supply?
> >
> > If you need more info I'll do my best to figure out more as I go
> > along. If you can offer some suggestions it would be appreciated.
> >
> > 73 es God Bless
> > de KG4FET Sandor
> >My tw100 has some kind of low distortion in receive audio after it
> heats up, I am confident that it is a component going south but have
> not had time to dope it out, I do have the shopmanual, but mine is a
> 28vdc unit, so I am running it on a separate power supply, when I

> got it , theu guy I got it from told me it was a 12v unit, but when
> I got it home, I noticed a very small tag on the back, which said,
> caution, 28volt unit, the guyI bought it from denied any knowledge
> of this, but I had to rig my power supply , unregulated, and it put
> out full boat 100 or up to 150 watts. I like the radio but need to
> get the audio straightened out, K4KTM, 919-608-3519
>
>

281. Re: [transworld_radio] Re: TW 100 problems

Yahoo group: transworld_radio
Date: 2006-12-24 16:40:38 UTC
From: arthurkuhns@charter.net
Topic: 263 Message: 281

-Sandor
Just as I was re-reading your email and I read distorted audio it occured to me that RF in the shack can cause distorted audio. I had that same problem with my radio here. So ensure you ground is good. The radio is grounded along with other equipment in the shack.
Other things that can cause distorted audio is poor connections in the mic plug, or a faulty mic. Contacts within the mic could be dirty or not making good contact.
or as said earlier it could all be corrected by suppling clean full power to the mic amp in the radio.
isn't troubleshooting radios fun?
good luck
Art
--- epizoodics <epizoodics@...> wrote:
> --- In transworld_radio@yahoogroups.com, "Sandor" <kg4fet96@...>
> wrote:
> >
> > I have just acquired a TW100 in a trade. It is suffering from a
> couple
> > of maladies that should be easy to fix.
> >
> > The first is distorted audio. I am using a 600 ohm mic and a 600
> ohm
> > headset. Both sound the same. Is the rig rated at high or low
> > impendence? Another complaint is low audio with no punch to it.
> >
> > I do have the fabled hum in the power supply but have as yet
> hooked it
> > to 13.8 external. Still looking around my junk box's for a cord
> that
> > will work safely. This is heard in the transmitted audio.
> >
> > The other is the rig only seems to be putting out 50 watts at
> most.
> > Could this be due to the internal power supply?
> >
> > If you need more info I'll do my best to figure out more as I go
> > along. If you can offer some suggestions it would be appreciated.
> >
> > 73 es God Bless
> > de KG4FET Sandor
> >My tw100 has some kind of low distortion in receive audio after it
> heats up, I am confident that it is a component going south but have
> not had time to dope it out, I do have the shopmanual, but mine is a
> 28vdc unit, so I am running it on a separate power supply, when I
> got it , theu guy I got it from told me it was a 12v unit, but when
> I got it home, I noticed a very small tag on the back, which said,

> caution, 28volt unit, the guyI bought it from denied any knowledge
> of this, but I had to rig my power supply , unregulated, and it put
> out full boat 100 or up to 150 watts. I like the radio but need to
> get the audio straightened out, K4KTM, 919-608-3519
>
>

282. RAT-100 manual

Yahoo group: transworld_radio
Date: 2006-12-26 15:39:00 UTC
From: Jay Sario
Topic: 282 Message: 282

Hello to All,

Anyone here who could share a copy of an RAT-100 automatic antenna tuner. Thank you in advance.

283. tw100 repair station

Yahoo group: transworld_radio
Date: 2006-12-27 22:14:24 UTC
From: epizoodics
Topic: 283 Message: 283

anybody out there who might know of a repair station in the central atlantic states, please let me know, thanks, k4ktm

284. RE: [transworld_radio] tw100 repair station

Yahoo group: transworld_radio
Date: 2006-12-28 13:39:31 UTC
From: Huls Witweg
Topic: 283 Message: 284

I repair equipment less and less as time goes on (businesses change with time).
I have a TW100F and the manuals. I use it on 60m occasionally.
I remember you are the one with audio problems, right ? What model is it?
I may consider working on it for you. I think shipping costs will be pretty nasty though. My TW100 is nearly 40 pounds.

http://www.JTKcommunications.com My contact information is there.

73

>From: "epizoodics" <epizoodics@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] tw100 repair station
>Date: Wed, 27 Dec 2006 22:14:24 -0000
>
>anybody out there who might know of a repair station in the central
>atlantic states, please let me know, thanks, k4ktm
>

_____
The MSN Entertainment Guide to Golden Globes is here. Get all the scoop.
http://tv.msn.com/tv/globes2007/

285. manual on transworld hf radio model tw100f/mt

Yahoo group: transworld_radio
Date: 2006-12-29 04:12:55 UTC
From: e6tsgtjones
Topic: 285 Message: 285

need to find manual on tw100f/mt model of radio. the one showed in the picture on this home page site. my other e-mail address is e6tsgtjones@peoplepc.com.

286. Re: [transworld_radio] RAT-100 manual

Yahoo group: transworld_radio
Date: 2006-12-29 22:59:48 UTC
From: francis pabalan
Topic: 282 Message: 286

pre gud day sorry @ hindi ako nakasipot alam mo naman pag matagal na hindi nagkikita ang dami storya, ayun ano gumagana na ba???? kung mabasa mo naman ito try natin mamaya testing ito radio naikabit ko na yung mic nya pag may spare bibili nalang ako ng cable antenna dyan ulit sa binilan natin for 7 Mc. ty happy newyear

----- Original Message ----
From: Jay Sario <jay_sario@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, December 26, 2006 11:39:00 PM
Subject: [transworld_radio] RAT-100 manual

Hello to All,

Anyone here who could share a copy of an RAT-100 automatic antenna
tuner. Thank you in advance.

Send instant messages to your online friends http://uk.messenger.yahoo.com

287. Re: [transworld_radio] RAT-100 manual

Yahoo group: transworld_radio
Date: 2007-01-01 02:09:16 UTC
From: arthurkuhns@charter.net
Topic: 282 Message: 287

Can someone relay this message in english please?
Art

---- francis pabalan <rt_869@...> wrote:
> pre gud day sorry @ hindi ako nakasipot alam mo naman pag matagal na hindi nagkikita ang dami storya, ayun ano gumagana na ba???? kung mabasa mo naman ito try natin mamaya testing ito radio naikabit ko na yung mic nya pag may spare bibili nalang ako ng cable antenna dyan ulit sa binilan natin for 7 Mc. ty happy newyear
>
>
> ----- Original Message ----
> From: Jay Sario <jay_sario@...>
> To: transworld_radio@yahoogroups.com
> Sent: Tuesday, December 26, 2006 11:39:00 PM
> Subject: [transworld_radio] RAT-100 manual
>
> Hello to All,
>
> Anyone here who could share a copy of an RAT-100 automatic antenna
> tuner. Thank you in advance.
>
>
>
>
> Send instant messages to your online friends http://uk.messenger.yahoo.com

288. Re: [transworld_radio] RAT-100 manual < translation >

Yahoo group: transworld_radio
Date: 2007-01-01 05:25:26 UTC
From: francis pabalan
Topic: 288 Message: 288

hello sorry for the confusion on my reply to the rat100 topic there isn't any technical aspects from the message content I've replied directly to the group rather to someone else which contain personal greeting again I'm very sorry kindly disregard the subject. Thanks @ 73's.... rt_869

----- Original Message ----
From: "arthurkuhns@..." <arthurkuhns@...>
To: transworld_radio@yahoogroups.com
Cc: francis pabalan <rt_869@...m>
Sent: Monday, January 1, 2007 10:09:16 AM
Subject: Re: [transworld_radio] RAT-100 manual

Can someone relay this message in english please?

Art

---- francis pabalan <rt_869@yahoo. com> wrote:

> pre gud day sorry @ hindi ako nakasipot alam mo naman pag matagal na hindi nagkikita ang dami storya, ayun ano gumagana na ba???? kung mabasa mo naman ito try natin mamaya testing ito radio naikabit ko na yung mic nya pag may spare bibili nalang ako ng cable antenna dyan ulit sa binilan natin for 7 Mc. ty happy newyear

>

>

> ----- Original Message ----

> From: Jay Sario <jay_sario@yahoo. com>

> To: transworld_radio@ yahoogroups. com

> Sent: Tuesday, December 26, 2006 11:39:00 PM

> Subject: [transworld_ radio] RAT-100 manual

>

> Hello to All,

>

> Anyone here who could share a copy of an RAT-100 automatic antenna

> tuner. Thank you in advance.

>

>

```
>

>

> Send instant messages to your online friends http://uk.messenger .yahoo.com

<!--

#ygrp-mlmsg {font-size:13px;font-family:arial,helvetica,clean,sans-serif;}
#ygrp-mlmsg table {font-size:inherit;font:100%;}
#ygrp-mlmsg select, input, textarea {font:99% arial,helvetica,clean,sans-serif;}
#ygrp-mlmsg pre, code {font:115% monospace;}
#ygrp-mlmsg * {line-height:1.22em;}
#ygrp-text{
font-family:Georgia;
}
#ygrp-text p{
margin:0 0 1em 0;
}
#ygrp-tpmsgs{
font-family:Arial;
clear:both;
}
#ygrp-vitnav{
padding-top:10px;
font-family:Verdana;
font-size:77%;
margin:0;
}
#ygrp-vitnav a{
padding:0 1px;
}
#ygrp-actbar{
clear:both;
margin:25px 0;
white-space:nowrap;
color:#666;
text-align:right;
}
#ygrp-actbar .left{
float:left;
white-space:nowrap;
}
.bld{font-weight:bold;}
#ygrp-grft{
font-family:Verdana;
font-size:77%;
padding:15px 0;
}
#ygrp-ft{
font-family:verdana;
font-size:77%;
```

```
border-top:1px solid #666;
padding:5px 0;
}
#ygrp-mlmsg #logo{
padding-bottom:10px;
}

#ygrp-vital{
background-color:#e0ecee;
margin-bottom:20px;
padding:2px 0 8px 8px;
}
#ygrp-vital #vithd{
font-size:77%;
font-family:Verdana;
font-weight:bold;
color:#333;
text-transform:uppercase;
}
#ygrp-vital ul{
padding:0;
margin:2px 0;
}
#ygrp-vital ul li{
list-style-type:none;
clear:both;
border:1px solid #e0ecee;
}
#ygrp-vital ul li .ct{
font-weight:bold;
color:#ff7900;
float:right;
width:2em;
text-align:right;
padding-right:.5em;
}
#ygrp-vital ul li .cat{
font-weight:bold;
}
#ygrp-vital a {
text-decoration:none;
}

#ygrp-vital a:hover{
text-decoration:underline;
}

#ygrp-sponsor #hd{
color:#999;
font-size:77%;
}
```

```
#ygrp-sponsor #ov{
padding:6px 13px;
background-color:#e0ecee;
margin-bottom:20px;
}
#ygrp-sponsor #ov ul{
padding:0 0 0 8px;
margin:0;
}
#ygrp-sponsor #ov li{
list-style-type:square;
padding:6px 0;
font-size:77%;
}
#ygrp-sponsor #ov li a{
text-decoration:none;
font-size:130%;
}
#ygrp-sponsor #nc {
background-color:#eee;
margin-bottom:20px;
padding:0 8px;
}
#ygrp-sponsor .ad{
padding:8px 0;
}
#ygrp-sponsor .ad #hd1{
font-family:Arial;
font-weight:bold;
color:#628c2a;
font-size:100%;
line-height:122%;
}
#ygrp-sponsor .ad a{
text-decoration:none;
}
#ygrp-sponsor .ad a:hover{
text-decoration:underline;
}
#ygrp-sponsor .ad p{
margin:0;
}
o {font-size:0;}
.MsoNormal {
margin:0 0 0 0;
}
#ygrp-text tt{
font-size:120%;
}
blockquote{margin:0 0 0 4px;}
```

```
.replbq {margin:4;}
-->
```

Send instant messages to your online friends http://uk.messenger.yahoo.com

289. Base Unit TW-100

Yahoo group: transworld_radio
Date: 2007-01-01 17:13:32 UTC
From: Mike
Topic: 289 Message: 289

I have two base units TW-100 one works great and the other one receives great but only transmits on 6.932 MHz. I have all the spare parts I need so if anyone is interested in the one that receives good but only transmits on 6.932 MHz let me know.

Thanks Mike

290. Astron 28vdc power supply

Yahoo group: transworld_radio
Date: 2007-01-01 19:09:22 UTC
From: epizoodics
Topic: 290 Message: 290

Anybody out there need a 28 volt supply? I have one about three months old, Model LS18. I am running my TW100 on an unregulated supply and it does just fine, if you need one, contact me at k4ktm@...
Thanks, and 73 K4KTM 919-608-3519

291. Re: [transworld_radio] RAT-100 manual < translation >

Yahoo group: transworld_radio
Date: 2007-01-02 02:14:54 UTC
From: arthurkuhns@charter.net
Topic: 288 Message: 291

Thank you for the translation.
Art
---- francis pabalan <rt_869@...> wrote:
> hello sorry for the confusion on my reply to the rat100 topic there isn't any technical aspects from the message content I've replied directly to the group rather to someone else which contain personal greeting again I'm very sorry kindly disregard the subject. Thanks @ 73's.... rt_869
>
> ----- Original Message ----
> From: "arthurkuhns@..." <arthurkuhns@...>
> To: transworld_radio@yahoogroups.com
> Cc: francis pabalan <rt_869@...>
> Sent: Monday, January 1, 2007 10:09:16 AM
> Subject: Re: [transworld_radio] RAT-100 manual
>
>
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>
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>
> Can someone relay this message in english please?
>
> Art
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>
>
> ---- francis pabalan <rt_869@yahoo. com> wrote:
>
> > pre gud day sorry @ hindi ako nakasipot alam mo naman pag matagal na hindi nagkikita ang dami storya, ayun ano gumagana na ba???? kung mabasa mo naman ito try natin mamaya testing ito radio naikabit ko na yung mic nya pag may spare bibili nalang ako ng cable antenna dyan ulit sa binilan natin for 7 Mc. ty happy newyear
>
> >
>
> >
>
> > ----- Original Message ----

>
> > From: Jay Sario <jay_sario@yahoo. com>
>
> > To: transworld_radio@ yahoogroups. com
>
> > Sent: Tuesday, December 26, 2006 11:39:00 PM
>
> > Subject: [transworld_ radio] RAT-100 manual
>
> >
>
> > Hello to All,
>
> >
>
> > Anyone here who could share a copy of an RAT-100 automatic antenna
>
> > tuner. Thank you in advance.
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> > Send instant messages to your online friends http://uk.messenger .yahoo.com
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> <!--
>
> #ygrp-mlmsg {font-size:13px;font-family:arial,helvetica,clean,sans-serif;}
> #ygrp-mlmsg table {font-size:inherit;font:100%;}
> #ygrp-mlmsg select, input, textarea {font:99% arial,helvetica,clean,sans-serif;}
> #ygrp-mlmsg pre, code {font:115% monospace;}
> #ygrp-mlmsg * {line-height:1.22em;}
> #ygrp-text{

```
> font-family:Georgia;
> }
> #ygrp-text p{
> margin:0 0 1em 0;
> }
> #ygrp-tpmsgs{
> font-family:Arial;
> clear:both;
> }
> #ygrp-vitnav{
> padding-top:10px;
> font-family:Verdana;
> font-size:77%;
> margin:0;
> }
> #ygrp-vitnav a{
> padding:0 1px;
> }
> #ygrp-actbar{
> clear:both;
> margin:25px 0;
> white-space:nowrap;
> color:#666;
> text-align:right;
> }
> #ygrp-actbar .left{
> float:left;
> white-space:nowrap;
> }
> .bld{font-weight:bold;}
> #ygrp-grft{
> font-family:Verdana;
> font-size:77%;
> padding:15px 0;
> }
> #ygrp-ft{
> font-family:verdana;
> font-size:77%;
> border-top:1px solid #666;
> padding:5px 0;
> }
> #ygrp-mlmsg #logo{
> padding-bottom:10px;
> }
>
> #ygrp-vital{
> background-color:#e0ecee;
> margin-bottom:20px;
> padding:2px 0 8px 8px;
> }
```

```
> #ygrp-vital #vithd{
> font-size:77%;
> font-family:Verdana;
> font-weight:bold;
> color:#333;
> text-transform:uppercase;
> }
> #ygrp-vital ul{
> padding:0;
> margin:2px 0;
> }
> #ygrp-vital ul li{
> list-style-type:none;
> clear:both;
> border:1px solid #e0ecee;
> }
> #ygrp-vital ul li .ct{
> font-weight:bold;
> color:#ff7900;
> float:right;
> width:2em;
> text-align:right;
> padding-right:.5em;
> }
> #ygrp-vital ul li .cat{
> font-weight:bold;
> }
> #ygrp-vital a {
> text-decoration:none;
> }
>
> #ygrp-vital a:hover{
> text-decoration:underline;
> }
>
> #ygrp-sponsor #hd{
> color:#999;
> font-size:77%;
> }
> #ygrp-sponsor #ov{
> padding:6px 13px;
> background-color:#e0ecee;
> margin-bottom:20px;
> }
> #ygrp-sponsor #ov ul{
> padding:0 0 0 8px;
> margin:0;
> }
> #ygrp-sponsor #ov li{
> list-style-type:square;
```

```
> padding:6px 0;
> font-size:77%;
> }
> #ygrp-sponsor #ov li a{
> text-decoration:none;
> font-size:130%;
> }
> #ygrp-sponsor #nc {
> background-color:#eee;
> margin-bottom:20px;
> padding:0 8px;
> }
> #ygrp-sponsor .ad{
> padding:8px 0;
> }
> #ygrp-sponsor .ad #hd1{
> font-family:Arial;
> font-weight:bold;
> color:#628c2a;
> font-size:100%;
> line-height:122%;
> }
> #ygrp-sponsor .ad a{
> text-decoration:none;
> }
> #ygrp-sponsor .ad a:hover{
> text-decoration:underline;
> }
> #ygrp-sponsor .ad p{
> margin:0;
> }
> o {font-size:0;}
> .MsoNormal {
> margin:0 0 0 0;
> }
> #ygrp-text tt{
> font-size:120%;
> }
> blockquote{margin:0 0 0 4px;}
> .replbq {margin:4;}
> -->
>
>
>
>
>
>
>
> Send instant messages to your online friends http://uk.messenger.yahoo.com
```

292. Re: Base Unit TW-100

Yahoo group: transworld_radio
Date: 2007-01-03 00:51:03 UTC
From: Mani
Topic: 289 Message: 292

Hi Mike,
Are you interested in selling it to India?
If so let me know the price including shipping,
73
Mani (VU2ITI)

--- In transworld_radio@yahoogroups.com, "Mike" <manders2@...> wrote:
>
> I have two base units TW-100 one works great and the other one
receives
> great but only transmits on 6.932 MHz. I have all the spare parts I
> need so if anyone is interested in the one that receives good but
only
> transmits on 6.932 MHz let me know.
>
> Thanks Mike
>

293. Re: [transworld_radio] Base Unit TW-100

Yahoo group: transworld_radio
Date: 2007-01-03 09:59:56 UTC
From: ervin kusuma
Topic: 289 Message: 293

Hi Mike,

Happy Holiday, Iam ervin from Jakarta - Indonesia and
I interest your 1 unit tw100, how much the price? can
you send me a photo via my email:
ervin_kusuma@...

Thanks 73'
Ervin.

--- Mike <manders2@...> wrote:

> I have two base units TW-100 one works great and the
> other one receives
> great but only transmits on 6.932 MHz. I have all
> the spare parts I
> need so if anyone is interested in the one that
> receives good but only
> transmits on 6.932 MHz let me know.
>
> Thanks Mike
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

294. TW-100 on UK EBay

Yahoo group: transworld_radio
Date: 2007-01-05 07:22:05 UTC
From: g3vkm
Topic: 294 Message: 294

Hi All,

I have listed a TW-100 on eBay. Please see:-

http://preview.tinyurl.com/ye35r2

73,

Roger Basford, G3VKM

295. Need Remote control Program for TW=100

Yahoo group: transworld_radio
Date: 2007-01-07 00:56:39 UTC
From: Edwin Barlow
Topic: 295 Message: 295

I would like to get the remote control program for the Tw-100.

Please email to me. edbarlow@....

Thanks Ed K1ZIK

296. TW 100 LOOKING FOR NEW HOME

Yahoo group: transworld_radio
Date: 2007-01-15 23:23:32 UTC
From: Richard I. Ward
Topic: 296 Message: 296

I have a nice clean TW100, with Astron heavy duty power supply, Shure 444 Microphone, Tecnical and Operating Manuals, would like to sell or trade for Kenwood 570 (barebones OK) or Icom 718. Unit is fully operational, has a little very low noise in receiver, probably a coupling cap. Make me an offer I can't refuse, Thanks K4KTM, 919-608-3519

297. TW-7000 bits wanted

Yahoo group: transworld_radio
Date: 2007-01-19 09:41:19 UTC
From: g3vkm
Topic: 297 Message: 297

Hi All,

Looking for a source of options cards and other add-ons for my TW-7000 transceiver, other than an ATU.

Regards,

Roger Basford G3VKM - Norfolk, England.

298. TW100F video

Yahoo group: transworld_radio
Date: 2007-01-23 20:04:34 UTC
From: hulswitweg
Topic: 298 Message: 298

Most people I work on HF CW with my TW100F say they have never heard of it and want to see a picture. So I made a 5 minute video which is a very basic introduction to the TW100F fly-away. I will gladly do videos on specific aspects of the TW100F if anyone has specific requests or suggestions.

go to

http://www.helloworld.com/members_myworld.aspx?ID=hamradio&target=video

Make sure all of that is in one line in your browser address bar. (In this email, some email programs will add a carriage-return/line feed between the aspx? and ID= make sure you have the whole URL in your address bar, no spaces in there.)

This will take you directly to the videos page of this site. Then you need to scroll down to find the TW100F video.

73

299. Re: [transworld_radio] TW100F video

Yahoo group: transworld_radio
Date: 2007-01-24 03:43:47 UTC
From: arthurkuhns@charter.net
Topic: 298 Message: 299

That is an Awesome Video! Thank you very much for sharing that with the group.
Art

---- hulswitweg <hulsw@...> wrote:
> Most people I work on HF CW with my TW100F say they have never heard of
> it and want to see a picture. So I made a 5 minute video which is a
> very basic introduction to the TW100F fly-away. I will gladly do
> videos on specific aspects of the TW100F if anyone has specific
> requests or suggestions.
>
> go to
>
> http://www.helloworld.com/members_myworld.aspx?
> ID=hamradio&target=video
>
> Make sure all of that is in one line in your browser address bar. (In
> this email, some email programs will add a carriage-return/line feed
> between the aspx? and ID= make sure you have the whole URL in your
> address bar, no spaces in there.)
>
> This will take you directly to the videos page of this site. Then you
> need to scroll down to find the TW100F video.
>
> 73
>

300. Re: [transworld_radio] TW100F video

Yahoo group: transworld_radio
Date: 2007-01-24 09:08:52 UTC
From: Markus Baertschi
Topic: 298 Message: 300
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

301. Re: [transworld_radio] TW100F video

Yahoo group: transworld_radio
Date: 2007-01-25 01:25:39 UTC
From: arthurkuhns@charter.net
Topic: 298 Message: 301

Awesome!

---- Markus Baertschi <markus@...> wrote:
> Very nice work !

I've added a link to it from the list homepage.

73 HB9VCD Markus

On 1/23/07, hulswitweg <hulsw@...> wrote:
>
> So I made a 5 minute video which is a very basic introduction to the
> TW100F fly-away
>

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

302. TW100F FLY-AWAY HF SSB TRANSCEIVER (For Sale)

Yahoo group: transworld_radio
Date: 2007-01-28 19:08:41 UTC
From: Michael Smith
Topic: 302 Message: 302

Any one interested in a TW100F FLY-AWAY TRANSCEIVER I have one listed on ebay.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&ih=002&sspagename=STRK%3AMESE%3AIT&viewitem=&item=120080681947&rd=1&rd=1

Transceiver is in pristine condition.

Michael

303. TW-100 Base Unit

Yahoo group: transworld_radio
Date: 2007-02-09 17:16:36 UTC
From: Mike
Topic: 303 Message: 303

What is a Base Unit with a Sure Mic and works perfect worth? Due to moving to a new location soon it will be in excess of my needs. I am keeping my Flyaway :)

73, Mike n4maa

304. Re: Service Manual and Missing Parts

Yahoo group: transworld_radio
Date: 2007-02-28 22:52:21 UTC
From: Sandor
Topic: 272 Message: 304

In the continuing saga of my TW 100. I have since found a sticker that designates my rig as a 12Vdc/110 V rig. I still dont have U1 and I am wondering if I can use an RC1458ND rather the the CP-1. I do have voltage (19vdc) into the M10 board but not at the regulator or anywhere else on M10. My test equipment is limited to a DVM and that's it.
Thanks es 73
de KG4FET Sandor

--- In transworld_radio@yahoogroups.com, "Sandor" <kg4fet96@...> wrote:
>
> GM to the group,
> I finally have the service manual downloaded and opened up the rig.
I
> have looked at the RF module and found that I am missing U1.
> Inspection stickers on M7 and the regulator board state the rig was
> made in 1986 if that helps anyone. Is there a mod that would
elminate
> the U1 on the RF board? I am not finding resting voltages on any of
the
> rest of the RF deck.
> Thanks, Merry Christmas
> DE KG4FET Sandor
>

305. UPS100 power supply

Yahoo group: transworld_radio
Date: 2007-03-04 17:46:34 UTC
From: Jay Sario
Topic: 305 Message: 305

Hi to All,

Just want to know if the normal output voltage of the UPS100 power supply for the RT100 is 19.6 volts. I am having second thoughts of connecting it to the radio because of the high voltage reading. My radio is the 12 volt version, also the power supply has a label outside saying 12 volts. I have checked everything in the power supply and all of the parts seem to be ok.

Thank you.

306. RE: [transworld_radio] UPS100 power supply

Yahoo group: transworld_radio
Date: 2007-03-08 04:18:27 UTC
From: Arthur Kuhns
Topic: 305 Message: 306

Jay, I do not have the manual here, I am currently TDY however some manual will specify the max input voltage allowed. You could check to see if the output voltage of the PS is within the allowable voltage range of the radio.

art

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Jay Sario
Sent: Sunday, March 04, 2007 9:47 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] UPS100 power supply

Hi to All,

Just want to know if the normal output voltage of the UPS100 power supply for the RT100 is 19.6 volts. I am having second thoughts of connecting it to the radio because of the high voltage reading. My radio is the 12 volt version, also the power supply has a label outside saying 12 volts. I have checked everything in the power supply and all of the parts seem to be ok.

Thank you.

307. Re: UPS100 power supply

Yahoo group: transworld_radio
Date: 2007-03-08 05:12:57 UTC
From: Jay Sario
Topic: 305 Message: 307

Art,

Thanks for the reply. My radio is the 12volt version and also the UPS100 power supply I got is a 12 volt version. I was surprised when I checked the output voltage of the UPS100, it showed 19 volts DC.

Anyways, I am already looking into the manual to see the max. allowed voltage.

Once again, thanks.

jay

--- In transworld_radio@yahoogroups.com, "Arthur Kuhns" <arthurkuhns@...> wrote:
>
> Jay, I do not have the manual here, I am currently TDY however some manual
> will specify the max input voltage allowed. You could check to see if the
> output voltage of the PS is within the allowable voltage range of the radio.
>
> art
>
>
>
> _____
>
> From: transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com] On Behalf Of Jay Sario
> Sent: Sunday, March 04, 2007 9:47 AM
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] UPS100 power supply
>
>
>
> Hi to All,
>
> Just want to know if the normal output voltage of the UPS100 power
> supply for the RT100 is 19.6 volts. I am having second thoughts of
> connecting it to the radio because of the high voltage reading. My
> radio is the 12 volt version, also the power supply has a label
> outside saying 12 volts. I have checked everything in the power
> supply and all of the parts seem to be ok.
>

> Thank you.
>

308. RE: [transworld_radio] Re: UPS100 power supply

Yahoo group: transworld_radio
Date: 2007-03-08 13:20:24 UTC
From: Dave
Topic: 305 Message: 308

Jay,
As I recall the ps does put out a high no load voltage but it will
immediately drop when any kind of load is put on it. Th radio does have a
transorb type diode to regulate overvoltage at the input and I think it will
handle it. Check the transorb rating from the manual.
Dave

-----Original Message-----
From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Jay Sario
Sent: Thursday, March 08, 2007 12:13 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Re: UPS100 power supply

Art,

Thanks for the reply. My radio is the 12volt version and also the
UPS100 power supply I got is a 12 volt version. I was surprised when
I checked the output voltage of the UPS100, it showed 19 volts DC.

Anyways, I am already looking into the manual to see the max.
allowed voltage.

Once again, thanks.

jay

--- In transworld_radio@ <mailto:transworld_radio%40yahoogroups.com>
yahoogroups.com, "Arthur Kuhns"
<arthurkuhns@...> wrote:
>
> Jay, I do not have the manual here, I am currently TDY however
some manual
> will specify the max input voltage allowed. You could check to
see if the
> output voltage of the PS is within the allowable voltage range of
the radio.
>
> art
>
>
>
> _____
>
> From: transworld_radio@ <mailto:transworld_radio%40yahoogroups.com>
yahoogroups.com
> [mailto:transworld_radio@ <mailto:transworld_radio%40yahoogroups.com>

yahoogroups.com] On Behalf Of Jay Sario
> Sent: Sunday, March 04, 2007 9:47 AM
> To: transworld_radio@ <mailto:transworld_radio%40yahoogroups.com>
yahoogroups.com
> Subject: [transworld_radio] UPS100 power supply
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>
>
> Hi to All,
>
> Just want to know if the normal output voltage of the UPS100 power
> supply for the RT100 is 19.6 volts. I am having second thoughts of
> connecting it to the radio because of the high voltage reading. My
> radio is the 12 volt version, also the power supply has a label
> outside saying 12 volts. I have checked everything in the power
> supply and all of the parts seem to be ok.
>
> Thank you.
>

309. Re: UPS100 power supply

Yahoo group: transworld_radio
Date: 2007-03-08 14:06:19 UTC
From: Jay Sario
Topic: 305 Message: 309

Hi Dave and Art,

Going through the service manual, it is stated that the transorb could handle 20 volts, so it can handle the output of the UPS100.

Thank you both for the information. I will now be using my UPS100 together with the RT100. Im trying to complete the whole set of accessories of the RT100.

--- In transworld_radio@yahoogroups.com, "Dave" <dlpanek@...> wrote:
>
> Jay,
> As I recall the ps does put out a high no load voltage but it will
> immediately drop when any kind of load is put on it. Th radio does have a
> transorb type diode to regulate overvoltage at the input and I think it will
> handle it. Check the transorb rating from the manual.
> Dave
>
>
> -----Original Message-----
> From: transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com] On Behalf Of Jay Sario
> Sent: Thursday, March 08, 2007 12:13 AM
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] Re: UPS100 power supply
>
>
>
> Art,
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> Thanks for the reply. My radio is the 12volt version and also the
> UPS100 power supply I got is a 12 volt version. I was surprised when
> I checked the output voltage of the UPS100, it showed 19 volts DC.
>
> Anyways, I am already looking into the manual to see the max.
> allowed voltage.
>
> Once again, thanks.
>
> jay
>
> --- In transworld_radio@ <mailto:transworld_radio%40yahoogroups.com>

> yahoogroups.com, "Arthur Kuhns"
> <arthurkuhns@> wrote:
> >
> > Jay, I do not have the manual here, I am currently TDY however
> some manual
> > will specify the max input voltage allowed. You could check to
> see if the
> > output voltage of the PS is within the allowable voltage range
of
> the radio.
> >
> > art
> >
> >
> >
> > _____
> >
> > From: transworld_radio@ <mailto:transworld_radio%
40yahoogroups.com>
> yahoogroups.com
> > [mailto:transworld_radio@ <mailto:transworld_radio%
40yahoogroups.com>
> yahoogroups.com] On Behalf Of Jay Sario
> > Sent: Sunday, March 04, 2007 9:47 AM
> > To: transworld_radio@ <mailto:transworld_radio%40yahoogroups.com>
> yahoogroups.com
> > Subject: [transworld_radio] UPS100 power supply
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> >
> >
> > Hi to All,
> >
> > Just want to know if the normal output voltage of the UPS100
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My
> > radio is the 12 volt version, also the power supply has a label
> > outside saying 12 volts. I have checked everything in the power
> > supply and all of the parts seem to be ok.
> >
> > Thank you.
> >
>

310. CPU IC Failure

Yahoo group: transworld_radio
Date: 2007-03-09 08:12:59 UTC
From: hl1afp
Topic: 310 Message: 310

Dear Friend,

I have two(2) TW-100 transceivers which fornt panel are little different each other. The name plate of the trx are shown same model number.

According to my inspection, IC 80C39 was short(damaged) so my TW-100 trx not properly operates.

I bought same IC and test, receiver functioon is good but transmitter function is bad.

So I would like to buy programmed IC 80C39(2 ea), please let me know where I can buy or who supply the IC

Thank you for your help in this matter.

John LEO

311. Re: [transworld_radio] CPU IC Failure

Yahoo group: transworld_radio
Date: 2007-03-09 11:40:06 UTC
From: Markus Baertschi
Topic: 310 Message: 311
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
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312. TW100 low output

Yahoo group: transworld_radio
Date: 2007-03-12 22:54:13 UTC
From: Richard I. Ward
Topic: 312 Message: 312

I was transmitting on cw into a matched load, when my output went down to a fraction of the usual 100 watts, still transmits a clean signal, although at much reduced output, any ideas out there on where to look, I have tech manuals, Thanks, Please Respond to k4ktm@...

313. Re: [transworld_radio] TW100 low output

Yahoo group: transworld_radio
Date: 2007-03-12 23:11:46 UTC
From: Markus Baertschi
Topic: 312 Message: 313
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
```

314. Re: TW100 low output

Yahoo group: transworld_radio
Date: 2007-03-13 10:07:40 UTC
From: Richard I. Ward
Topic: 312 Message: 314

--- In transworld_radio@yahoogroups.com, "Markus Baertschi"
<markus@...> wrote:
>
> Richard,
>
> my tw100 has a heat-actuated switch on the heat-sink who reduces
the output
> power when it heats up too much. Maybe this cisrcuit triggered in
your tw100
> ?
>
> Markus
>
> On 3/12/07, Richard l. Ward <epizoodics@...> wrote:
> >
> > I was transmitting on cw into a matched load, when my output
went down
> > to a fraction of the usual 100 watts, still transmits a clean
signal,
> > although at much reduced output, any ideas out there on where to
look,
> > I have tech manuals, Thanks, Please Respond to k4ktm@...
> >
> >Marcus, checked that first, shows zero ohms, Thanks , K4KTM
> >
> >
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du RossÃ© 16 Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>

315. No TX audio

Yahoo group: transworld_radio
Date: 2007-03-13 12:06:02 UTC
From: Jay Sario
Topic: 315 Message: 315

Hi to Everyone,

I have an RT-100 that has no transmit audio. Using my other RT-100, I swapped all the ICs in the M1 AUDIO module hoping to fix the problem, but still no transmit audio. Everything is functioning well, receive audio is okey, RF output is okey,except the transmit audio. Any ideas or suggestion as to where to look?

Thank you in advance.

316. Re: [transworld_radio] No TX audio

Yahoo group: transworld_radio
Date: 2007-03-13 14:01:49 UTC
From: Glenn Little WB4UIV
Topic: 315 Message: 316

Did you check the wiring from the front panel? Do you have any test equipment?

73
Glenn
WB4UIV

At 07:06 AM 03/13/07, you wrote:
>Hi to Everyone,
>
>I have an RT-100 that has no transmit audio. Using my other RT-100, I
>swapped all the ICs in the M1 AUDIO module hoping to fix the problem,
>but still no transmit audio. Everything is functioning well, receive
>audio is okey, RF output is okey,except the transmit audio. Any ideas
>or suggestion as to where to look?
>
>Thank you in advance.
>
>
>
>
>Yahoo! Groups Links
>
>
>

317. Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-13 14:22:57 UTC
From: Jay Sario
Topic: 315 Message: 317

Hi Glen,

Thanks for the reply, actually before I swapped the ICs, I swapped the whole M1 module with my other RT100 and the TX audio worked, so I am very sure that the problem is in the module. As for my test equipment, I have the usual digital voltmeter, freq counter, signal gen. and ordinary oscilloscope. Im at the moment trying to trace where the audio got lost, so far there is TX audio at the output of the VOGAD amp.

Thank you.

--- In transworld_radio@yahoogroups.com, Glenn Little WB4UIV
<glennmaillist@...> wrote:
>
> Did you check the wiring from the front panel? Do you have any
test equipment?
>
> 73
> Glenn
> WB4UIV
>
>
> At 07:06 AM 03/13/07, you wrote:
> >Hi to Everyone,
> >
> >I have an RT-100 that has no transmit audio. Using my other RT-
100, I
> >swapped all the ICs in the M1 AUDIO module hoping to fix the
problem,
> >but still no transmit audio. Everything is functioning well,
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> >audio is okey, RF output is okey,except the transmit audio. Any
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> >or suggestion as to where to look?
> >
> >Thank you in advance.
> >
> >
> >
> >
> >Yahoo! Groups Links
> >
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> >
>

318. RE: [transworld_radio] UPS100 power supply

Yahoo group: transworld_radio
Date: 2007-03-14 04:22:22 UTC
From: ervin kusuma
Topic: 305 Message: 318

Hi Arthur Kuhn,
Iam ervin from jakarta - Indonesia, can you know info
to find parts of Harris Communication radio RF-3200E.
My radio have spot on LCD display, so I have problem
in signal report.
Thank you for your help, 73'.
Ervin Kusuma Perdana

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http://games.yahoo.com/games/front

319. Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-14 10:54:30 UTC
From: Jay Sario
Topic: 315 Message: 319

Hello everybody,

Continuing tinkering with my defective RT100, it seems that the TX audio was lost after the balance-modulator. I have replaced for the second time the SL1640C balance modulator IC and still cant get any TX audio. Any suggestions would be appreciated.

Thank you.

jay

--- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@...> wrote:
>
> Hi Glen,
>
> Thanks for the reply, actually before I swapped the ICs, I swapped
> the whole M1 module with my other RT100 and the TX audio worked, so
> I am very sure that the problem is in the module. As for my test
> equipment, I have the usual digital voltmeter, freq counter, signal
> gen. and ordinary oscilloscope. Im at the moment trying to trace
> where the audio got lost, so far there is TX audio at the output of
> the VOGAD amp.
>
> Thank you.
>
> --- In transworld_radio@yahoogroups.com, Glenn Little WB4UIV
> <glennmaillist@> wrote:
> >
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> test equipment?
> >
> > 73
> > Glenn
> > WB4UIV
> >
> >
> > At 07:06 AM 03/13/07, you wrote:
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> > >or suggestion as to where to look?
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> > >Thank you in advance.
> > >
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> > >
> > >Yahoo! Groups Links
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>

320. RE: [transworld_radio] Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-14 12:05:15 UTC
From: Huls Witweg
Topic: 315 Message: 320

I do not have schematic for the RT100 (I have a TW100F). I am under the impression that the
rigs are very similar. I have schematics for the 1979 version of TW100F. Depending how similar it and the RT100 are will determine how much I can help you over the internet.

You say you have "RF output" but no 'transmit audio'.

In Single Sideband Suppressed Carrier there is no difference. There is extremely little RF output
when there is no modulation. The 'transmit audio' determines the RF output. If there is even
a watt of RF when the rig is set for LSB or USB and no microphone connected then there is a problem with the balanced modulator (could just be an adjustment or aging capacitor). Are you saying that the "AM" mode works, but not LSB or USB or CW ? Are you saying that the rig transmits CW fine, but not SSB or AM?

How much power output when you activate the PTT switch with no audio (no microphone connected, if possible).
How much power does the rig put out when you flip the "tune" switch ?
How much power output when key down in CW mode?
How much power output when key up in CW mode ?
How much power in AM mode ?
Do you have audio modulation when transmitting in AM mode?
Do you have this problem in LSB and USB or just LSB or just USB ?

The TW100 uses audio-keyed modulation for CW mode. So with the TW100 if it works
in CW, but not LSB or USB , then the problem must be in the microphone circuit.
If it puts out lots of RF in AM mode but no modulation, and no RF in LSB, USB, or CW modes
then the problem could be several places.

73 de http://www.wb9jtk.net

>From: "Jay Sario" <jay_sario@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Re: No TX audio
>Date: Wed, 14 Mar 2007 10:54:30 -0000
>
>Hello everybody,
>
>Continuing tinkering with my defective RT100, it seems that the TX

>audio was lost after the balance-modulator. I have replaced for the
>second time the SL1640C balance modulator IC and still cant get any
>TX audio. Any suggestions would be appreciated.
>
>Thank you.
>
>jay
>
>--- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@...>
>wrote:
> >
> > Hi Glen,
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> > the whole M1 module with my other RT100 and the TX audio worked,
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> > equipment, I have the usual digital voltmeter, freq counter,
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> > > 73
> > > Glenn
> > > WB4UIV
> > >
> > >
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> > > >or suggestion as to where to look?
> > > >

> > > >Thank you in advance.
> > > >
> > > >
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> > > >Yahoo! Groups Links
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>

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321. Re: [transworld_radio] Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-14 12:08:57 UTC
From: hector
Topic: 315 Message: 321

iam hector I need the manual
tw100 tnx
----- Original Message -----
From: Huls Witweg
To: transworld_radio@yahoogroups.com
Sent: Wednesday, March 14, 2007 8:05 AM
Subject: RE: [transworld_radio] Re: No TX audio

I do not have schematic for the RT100 (I have a TW100F). I am under the impression that the
rigs are very similar. I have schematics for the 1979 version of TW100F. Depending how similar it and the RT100 are will determine how much I can help you over the internet.

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If it puts out lots of RF in AM mode but no modulation, and no RF in LSB, USB, or CW modes
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73 de http://www.wb9jtk.net

>From: "Jay Sario" <jay_sario@...>
>Reply-To: transworld_radio@yahoogroups.com

>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Re: No TX audio
>Date: Wed, 14 Mar 2007 10:54:30 -0000
>
>Hello everybody,
>
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>audio was lost after the balance-modulator. I have replaced for the
>second time the SL1640C balance modulator IC and still cant get any
>TX audio. Any suggestions would be appreciated.
>
>Thank you.
>
>jay
>
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> >
> > Hi Glen,
> >
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> > I am very sure that the problem is in the module. As for my test
> > equipment, I have the usual digital voltmeter, freq counter,
>signal
> > gen. and ordinary oscilloscope. Im at the moment trying to trace
> > where the audio got lost, so far there is TX audio at the output
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> > the VOGAD amp.
> >
> > Thank you.
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> > --- In transworld_radio@yahoogroups.com, Glenn Little WB4UIV
> > <glennmaillist@> wrote:
> > >
> > > Did you check the wiring from the front panel? Do you have any
> > test equipment?
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> > > Glenn
> > > WB4UIV
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> > >
> > > At 07:06 AM 03/13/07, you wrote:
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> > 100, I
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> > > >audio is okey, RF output is okey,except the transmit audio. Any
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> > > >Thank you in advance.
> > > >
> > > >
> > > >
> > > >
> > > >Yahoo! Groups Links
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Mortgage rates as low as 4.625% - Refinance $150,000 loan for $579 a month.
Intro*Terms
https://www2.nextag.com/goto.jsp?product=100000035&url=%2fst.jsp&tm=y&search=mortgage_text
_links_88_h27f6&disc=y&vers=743&s=4056&p=5117

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.413 / Virus Database: 268.18.10/720 - Release Date: 12/03/2007

322. Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-14 12:39:31 UTC
From: Jay Sario
Topic: 315 Message: 322

Hello,

thank you for the reply. Yes, the radio has rf output on AM but no transmit audio. On USB & LSB, when I transmit with and without the mic there is no RF ouput also. On CW, I can only hear a very faint CW sidetone in the speaker of the radio and no RF output also.

Going through with your reply, I will take a look more into the module.

Thank you very much. This is really a challenging one for me.

73. jay

--- In transworld_radio@yahoogroups.com, "Huls Witweg" <hulsw@...> wrote:
>
> I do not have schematic for the RT100 (I have a TW100F). I am under the
> impression that the
> rigs are very similar. I have schematics for the 1979 version of TW100F.
> Depending how similar it and the RT100 are will determine how much I can
> help you over the internet.
>
> You say you have "RF output" but no 'transmit audio'.
>
> In Single Sideband Suppressed Carrier there is no difference. There is
> extremely little RF output
> when there is no modulation. The 'transmit audio' determines the RF output.
> If there is even
> a watt of RF when the rig is set for LSB or USB and no microphone connected
> then there is a problem with the balanced modulator (could just be an
> adjustment or aging capacitor). Are you saying that the "AM" mode works,
> but not LSB or USB or CW ? Are you saying that the rig transmits CW fine,
> but not SSB or AM?
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> How much power output when you activate the PTT switch with no audio (no

> microphone connected, if possible).
> How much power does the rig put out when you flip the "tune"
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> The TW100 uses audio-keyed modulation for CW mode. So with the
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> works
> in CW, but not LSB or USB , then the problem must be in the
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> circuit.
> If it puts out lots of RF in AM mode but no modulation, and no RF
in LSB,
> USB, or CW modes
> then the problem could be several places.
>
> 73 de http://www.wb9jtk.net
>
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>
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> >From: "Jay Sario" <jay_sario@...>
> >Reply-To: transworld_radio@yahoogroups.com
> >To: transworld_radio@yahoogroups.com
> >Subject: [transworld_radio] Re: No TX audio
> >Date: Wed, 14 Mar 2007 10:54:30 -0000
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> >Hello everybody,
> >
> >Continuing tinkering with my defective RT100, it seems that the TX
> >audio was lost after the balance-modulator. I have replaced for
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> >second time the SL1640C balance modulator IC and still cant get
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> >TX audio. Any suggestions would be appreciated.
> >
> >Thank you.
> >
> >jay
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> >--- In transworld_radio@yahoogroups.com, "Jay Sario" <jay_sario@>
> >wrote:
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> > > Hi Glen,

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> > > <glennmaillist@> wrote:
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056&p=5117
>

323. Re: [transworld_radio] Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-14 17:49:17 UTC
From: Eduardo Leiva
Topic: 315 Message: 323

Hi,
I?m only have the manual for the RT-100mp

ED

hector <yy4gmg@...> wrote:
iam hector I need the manual tw100 tnx

----- Original Message -----
From: Huls Witweg
To: transworld_radio@yahoogroups.com
Sent: Wednesday, March 14, 2007 8:05 AM
Subject: RE: [transworld_radio] Re: No TX audio

I do not have schematic for the RT100 (I have a TW100F). I am under the impression that the
rigs are very similar. I have schematics for the 1979 version of TW100F. Depending how similar it and the RT100 are will determine how much I can help you over the internet.

You say you have "RF output" but no 'transmit audio'.

In Single Sideband Suppressed Carrier there is no difference. There is extremely little RF output
when there is no modulation. The 'transmit audio' determines the RF output. If there is even
a watt of RF when the rig is set for LSB or USB and no microphone connected then there is a problem with the balanced modulator (could just be an adjustment or aging capacitor). Are you saying that the "AM" mode works, but not LSB or USB or CW ? Are you saying that the rig transmits CW fine, but not SSB or AM?

How much power output when you activate the PTT switch with no audio (no microphone connected, if possible).
How much power does the rig put out when you flip the "tune" switch ?
How much power output when key down in CW mode?
How much power output when key up in CW mode ?
How much power in AM mode ?
Do you have audio modulation when transmitting in AM mode?
Do you have this problem in LSB and USB or just LSB or just USB ?

The TW100 uses audio-keyed modulation for CW mode. So with the TW100 if it works
in CW, but not LSB or USB , then the problem must be in the microphone circuit.
If it puts out lots of RF in AM mode but no modulation, and no RF in LSB, USB, or CW modes

then the problem could be several places.

73 de http://www.wb9jtk.net

>From: "Jay Sario" <jay_sario@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Re: No TX audio
>Date: Wed, 14 Mar 2007 10:54:30 -0000
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>Hello everybody,
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>audio was lost after the balance-modulator. I have replaced for the
>second time the SL1640C balance modulator IC and still cant get any
>TX audio. Any suggestions would be appreciated.
>
>Thank you.
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>jay
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>wrote:
> >
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> > the whole M1 module with my other RT100 and the TX audio worked,
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> > the VOGAD amp.
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> > <glennmaillist@> wrote:
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> > > Did you check the wiring from the front panel? Do you have any
> > test equipment?
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> > > Glenn
> > > WB4UIV
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> > >
> > > At 07:06 AM 03/13/07, you wrote:

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No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.413 / Virus Database: 268.18.10/720 - Release Date: 12/03/2007

Never miss an email again!
Yahoo! Toolbar alerts you the instant new Mail arrives. Check it out.

324. TW100 Low Output

Yahoo group: transworld_radio
Date: 2007-03-14 22:47:35 UTC
From: Richard I. Ward
Topic: 324 Message: 324

Found a bad coax jumper, try the simplest thing first, K4KTM

325. RE: [transworld_radio] Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-15 13:35:41 UTC
From: Huls Witweg
Topic: 315 Message: 325

Interesting.

Everyone PLEASE keep in mind that I am looking at schematics for 1979 TW100F and trying
to help troubleshoot a RT100. (By the way, do you have a date on your schematics, Jay?)

My CW sidetone is so weak as to be useless also. I did not know it even had a sidetone until
I noticed it in the schematic. So that might not mean anything.

If you look atthe output of M1 TX out do you see the same symptoms? I mean at this connector
you get RF at 1650 kHz in the AM position with no audio and no output in LSB, USB or CW ?
If that is the case, then look at the DC voltage at U6 pin 7 (the SL1640 balanced modulator).
I think this DC voltage is changed to unbalance the modulator to give RF output when in the
AM or Tune modes.

Try removing U9 (mic amp) from the socket. Then try LSB, USB, AM, tune and CW.
Are all the symptoms the same ? While it is out, try R44 the "carrier null" adjustment (LSB, USB
[or even CW mode since U9 is out]). If you see that you can null the carrier, then I think
we can conclude that the balanced modulator etc is fine. If so, then put U9 back and look at its output pin 8. If you have audio there, then the problem is probably C34 electrolytic capacitor.

>From: "Jay Sario" <jay_sario@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Re: No TX audio
>Date: Wed, 14 Mar 2007 12:39:31 -0000
>
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>thank you for the reply. Yes, the radio has rf output on AM but no
>transmit audio. On USB & LSB, when I transmit with and without the
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>CW sidetone in the speaker of the radio and no RF output also.
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>module.
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>Thank you very much. This is really a challenging one for me.
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> > microphone connected, if possible).
> > How much power does the rig put out when you flip the "tune"
>switch ?
> > How much power output when key down in CW mode?
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> > How much power in AM mode ?
> > Do you have audio modulation when transmitting in AM mode?
> > Do you have this problem in LSB and USB or just LSB or just USB ?
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> > 73 de http://www.wb9jtk.net
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> > >To: transworld_radio@yahoogroups.com
> > >Subject: [transworld_radio] Re: No TX audio
> > >Date: Wed, 14 Mar 2007 10:54:30 -0000
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The average US Credit Score is 675. The cost to see yours: $0 by Experian.
http://www.freecreditreport.com/pm/default.aspx?sc=660600&bcd=EMAILFOOTERAVERAGE

326. Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-16 11:02:41 UTC
From: Jay Sario
Topic: 315 Message: 326

Hi,

I'm using the service manual that I have downloaded here by Markus. The front page has the date April 1987 indicated.

I'll update you on your questions once I have checked everything that you have suggested. By the way, i'm not a pro in the field of electronics, I just wanted to get a firsthand feel of repairing my own radio, though I have basic knowledge of electronics.

Thank you.

jay

--- In transworld_radio@yahoogroups.com, "Huls Witweg" <hulsw@...> wrote:
>
> Interesting.
>
> Everyone PLEASE keep in mind that I am looking at schematics for 1979 TW100F
> and trying
> to help troubleshoot a RT100. (By the way, do you have a date on your
> schematics, Jay?)
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> output when in the
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> Try removing U9 (mic amp) from the socket. Then try LSB, USB, AM,

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fix the
> > > > > > problem,
> > > > > > > > >but still no transmit audio. Everything is functioning
well,
> > > > > > receive
> > > > > > > > >audio is okey, RF output is okey,except the transmit
audio.
> >Any
> > > > > > ideas
> > > > > > > > >or suggestion as to where to look?
> > > > > > > >
> > > > > > > >Thank you in advance.
> > > > > > > >
> > > > > > > >
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> > > > > > > >Yahoo! Groups Links
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> > > Mortgage rates as low as 4.625% - Refinance $150,000 loan for
$579
> >a month.
> > > Intro*Terms
> > > https://www2.nextag.com/goto.jsp?product=100000035&url=%
>
>2fst.jsp&tm=y&search=mortgage_text_links_88_h27f6&disc=y&vers=743&s=
4
> >056&p=5117
> > >
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>
> ---
> The average US Credit Score is 675. The cost to see yours: $0 by
Experian.
> http://www.freecreditreport.com/pm/default.aspx?
sc=660600&bcd=EMAILFOOTERAVERAGE
>

327. Re: No TX audio

Yahoo group: transworld_radio
Date: 2007-03-17 03:29:39 UTC
From: Jay Sario
Topic: 315 Message: 327

Continuing with my RT100, I checked the M1 TX output, I can get 1650khz in AM, LSB, USB. Using the service manual, I also checked all the pin voltages of U6 (SL1640C) they're all OK, as well as that of U9 (SL6270C) they're all ok too.

Using an oscilloscope to trace audio in and out of the circuit, at pin 8 of U9 (SL6270C), I can still trace an audio. For U6 (SL1640C) I can trace an audio at pin 7 but lost it at pin 5. I hav also checked some capacitors (tantalums) and resistors, they are all okey.

For the meantime, I'll be checking on other pin voltages of other ICs.

Any other suggestions???

Thank you in advance to everybody.

--- In transworld_radio@yahoogroups.com, "Huls Witweg" <hulsw@...> wrote:
>
> Interesting.
>
> Everyone PLEASE keep in mind that I am looking at schematics for 1979 TW100F
> and trying
> to help troubleshoot a RT100. (By the way, do you have a date on your
> schematics, Jay?)
>
> My CW sidetone is so weak as to be useless also. I did not know it even had
> a sidetone until
> I noticed it in the schematic. So that might not mean anything.
>
> If you look atthe output of M1 TX out do you see the same symptoms? I mean
> at this connector
> you get RF at 1650 kHz in the AM position with no audio and no output in
> LSB, USB or CW ?
> If that is the case, then look at the DC voltage at U6 pin 7 (the SL1640
> balanced modulator).
> I think this DC voltage is changed to unbalance the modulator to give RF
> output when in the

> AM or Tune modes.
>
> Try removing U9 (mic amp) from the socket. Then try LSB, USB, AM,
tune and
> CW.
> Are all the symptoms the same ? While it is out, try R44
the "carrier null"
> adjustment (LSB, USB
> [or even CW mode since U9 is out]). If you see that you can null
the
> carrier, then I think
> we can conclude that the balanced modulator etc is fine. If so,
then put
> U9 back and look at its output pin 8. If you have audio there,
then the
> problem is probably C34 electrolytic capacitor.
>
>
> >From: "Jay Sario" <jay_sario@...>
> >Reply-To: transworld_radio@yahoogroups.com
> >To: transworld_radio@yahoogroups.com
> >Subject: [transworld_radio] Re: No TX audio
> >Date: Wed, 14 Mar 2007 12:39:31 -0000
> >
> >Hello,
> >
> >thank you for the reply. Yes, the radio has rf output on AM but no
> >transmit audio. On USB & LSB, when I transmit with and without the
> >mic there is no RF ouput also. On CW, I can only hear a very faint
> >CW sidetone in the speaker of the radio and no RF output also.
> >
> >
> >Going through with your reply, I will take a look more into the
> >module.
> >
> >Thank you very much. This is really a challenging one for me.
> >
> >73. jay
> >
> >
> >
> >--- In transworld_radio@yahoogroups.com, "Huls Witweg" <hulsw@>
> >wrote:
> > >
> > > I do not have schematic for the RT100 (I have a TW100F). I am
> >under the
> > > impression that the
> > > rigs are very similar. I have schematics for the 1979 version
of
> >TW100F.

> > > Depending how similar it and the RT100 are will determine how
much
> >I can
> > > help you over the internet.
> > >
> > > You say you have "RF output" but no 'transmit audio'.
> > >
> > > In Single Sideband Suppressed Carrier there is no difference.
> >There is
> > > extremely little RF output
> > > when there is no modulation. The 'transmit audio' determines
the
> >RF output.
> > > If there is even
> > > a watt of RF when the rig is set for LSB or USB and no
microphone
> >connected
> > > then there is a problem with the balanced modulator (could
just be
> >an
> > > adjustment or aging capacitor). Are you saying that the "AM"
> >mode works,
> > > but not LSB or USB or CW ? Are you saying that the rig
transmits
> >CW fine,
> > > but not SSB or AM?
> > >
> > > How much power output when you activate the PTT switch with no
> >audio (no
> > > microphone connected, if possible).
> > > How much power does the rig put out when you flip the "tune"
> >switch ?
> > > How much power output when key down in CW mode?
> > > How much power output when key up in CW mode ?
> > > How much power in AM mode ?
> > > Do you have audio modulation when transmitting in AM mode?
> > > Do you have this problem in LSB and USB or just LSB or just
USB ?
> > >
> > > The TW100 uses audio-keyed modulation for CW mode. So with the
> >TW100 if it
> > > works
> > > in CW, but not LSB or USB , then the problem must be in the
> >microphone
> > > circuit.
> > > If it puts out lots of RF in AM mode but no modulation, and no
RF
> >in LSB,
> > > USB, or CW modes
> > > then the problem could be several places.

> > >
> > > 73 de http://www.wb9jtk.net
> > >
> > >
> > >
> > >
> > >
> > >
> > > >From: "Jay Sario" <jay_sario@>
> > > >Reply-To: transworld_radio@yahoogroups.com
> > > >To: transworld_radio@yahoogroups.com
> > > >Subject: [transworld_radio] Re: No TX audio
> > > >Date: Wed, 14 Mar 2007 10:54:30 -0000
> > > >
> > > >Hello everybody,
> > > >
> > > >Continuing tinkering with my defective RT100, it seems that
the TX
> > > >audio was lost after the balance-modulator. I have replaced
for
> >the
> > > >second time the SL1640C balance modulator IC and still cant
get
> >any
> > > >TX audio. Any suggestions would be appreciated.
> > > >
> > > >Thank you.
> > > >
> > > >jay
> > > >
> > > >--- In transworld_radio@yahoogroups.com, "Jay Sario"
<jay_sario@>
> > > >wrote:
> > > > >
> > > > > Hi Glen,
> > > > >
> > > > > Thanks for the reply, actually before I swapped the ICs, I
> >swapped
> > > > > the whole M1 module with my other RT100 and the TX audio
> >worked,
> > > >so
> > > > > I am very sure that the problem is in the module. As for my
> >test
> > > > > equipment, I have the usual digital voltmeter, freq
counter,
> > > >signal
> > > > > gen. and ordinary oscilloscope. Im at the moment trying to
> >trace
> > > > > where the audio got lost, so far there is TX audio at the
> >output

> > > >of
> > > > > the VOGAD amp.
> > > > >
> > > > > Thank you.
> > > > >
> > > > > --- In transworld_radio@yahoogroups.com, Glenn Little
WB4UIV
> > > > > <glennmaillist@> wrote:
> > > > > >
> > > > > > Did you check the wiring from the front panel? Do you
have
> >any
> > > > > > test equipment?
> > > > > > >
> > > > > > > 73
> > > > > > > Glenn
> > > > > > > WB4UIV
> > > > > > >
> > > > > > >
> > > > > > > At 07:06 AM 03/13/07, you wrote:
> > > > > > > >Hi to Everyone,
> > > > > > > >
> > > > > > > >I have an RT-100 that has no transmit audio. Using my
other
> >RT-
> > > > > > > 100, I
> > > > > > > > >swapped all the ICs in the M1 AUDIO module hoping to
fix the
> > > > > > > problem,
> > > > > > > > >but still no transmit audio. Everything is functioning
well,
> > > > > > > receive
> > > > > > > > >audio is okey, RF output is okey,except the transmit
audio.
> >Any
> > > > > > > ideas
> > > > > > > > >or suggestion as to where to look?
> > > > > > > >
> > > > > > > >Thank you in advance.
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> > > Mortgage rates as low as 4.625% - Refinance $150,000 loan for
$579
> >a month.
> > > Intro*Terms
> > > https://www2.nextag.com/goto.jsp?product=100000035&url=%
>
>2fst.jsp&tm=y&search=mortgage_text_links_88_h27f6&disc=y&vers=743&s=
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> >056&p=5117
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> _____
> The average US Credit Score is 675. The cost to see yours: $0 by
Experian.
> http://www.freecreditreport.com/pm/default.aspx?
sc=660600&bcd=EMAILFOOTERAVERAGE
>

328. TW7000 Remote Control Protocol

Yahoo group: transworld_radio
Date: 2007-03-27 13:22:51 UTC
From: chucku
Topic: 328 Message: 328

Hi All,

I'm looking for details of the remote control protocol for the TW7000 or any other Transworld transceiver since I assume they would be similar. I am specifically interested in the higher-level protocols: the command and reply code strings etc.

Does anyone have details of these or even what manual they are described in? Alternatively does anyone have a remote control programme for the TW7000?

Regards,
Chuck
M1DPD

329. Re: [transworld_radio] TW7000 Remote Control Protocol

Yahoo group: transworld_radio
Date: 2007-03-27 23:06:05 UTC
From: Joseph Pinner
Topic: 328 Message: 329

You will have to buy it from Datron.

And I do not think they will give you that information.

On Mar 27, 2007, at 9:22 AM, chucku wrote:

> Does anyone have details of these or even what manual they are
> described in? Alternatively does anyone have a remote control
> programme for the TW7000?

Joseph Pinner +
818 Hill Street
Kingston, TN 37763

KC5IJD / NNN0PHR

333. Spammers are here

Yahoo group: transworld_radio
Date: 2007-03-30 18:31:58 UTC
From: Markus Baertschi
Topic: 333 Message: 333
Attachments: 2 described; binary payloads are missing from this source WARC

```
[ Attachment content not displayed ]
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334. Mic plug

Yahoo group: transworld_radio
Date: 2007-04-10 14:08:49 UTC
From: sam_lowe54
Topic: 334 Message: 334

Just bought a TW100 base unit. Don't know a thing about it yet but was interested for MARS use.

Can one of you point me to a source for the mic plug for the TW100? I have tested by plugging bare wires into the jack but that is not very elegant. Thanks in advance.

Sam Lowe
K4SSL

335. RE: [transworld_radio] Mic plug

Yahoo group: transworld_radio
Date: 2007-04-11 11:48:50 UTC
From: Huls Witweg
Topic: 334 Message: 335

I got my microphone from http://american-milspec.com/ cheaper than I bought just the
connector for other places.

>From: "sam_lowe54" <slowe3@...>
>Reply-To: transworld_radio@yahoogroups.com
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Mic plug
>Date: Tue, 10 Apr 2007 14:08:49 -0000
>
>Just bought a TW100 base unit. Don't know a thing about it yet but was
>interested for MARS use.
>
>Can one of you point me to a source for the mic plug for the TW100? I
>have tested by plugging bare wires into the jack but that is not very
>elegant. Thanks in advance.
>
>Sam Lowe
>K4SSL
>

Need a break? Find your escape route with Live Search Maps.
http://maps.live.com/?icid=hmtag3

336. Re: Mic plug

Yahoo group: transworld_radio
Date: 2007-04-14 12:57:34 UTC
From: Sam Lowe
Topic: 334 Message: 336

Thanks, Huls. I checked with Scott and he could not help. There is a part number on the TW100 site that is maintained by one of the group members (I think) but I could not cross that part anywhere in the US.

Sam

337. Re: Mic plug

Yahoo group: transworld_radio
Date: 2007-04-16 11:04:06 UTC
From: Keith Watkins
Topic: 334 Message: 337

--- In transworld_radio@yahoogroups.com, "Sam Lowe" <slowe3@...> wrote:
>
> Thanks, Huls. I checked with Scott and he could not help. There is
a
> part number on the TW100 site that is maintained by one of the group
> members (I think) but I could not cross that part anywhere in the US.
>
> Sam
Chaps Try here http://www.newark.com/ same as Farnell in the UK

Regards Keith.
>

338. TW-100 Base Radio for sale

Yahoo group: transworld_radio
Date: 2007-04-16 17:32:30 UTC
From: Mike
Topic: 338 Message: 338

I have a just tuned up TW-100 Base Radio for sale $425 + shipping from 33714 if anyone is interested.

Mike n4maa

339. Re: [transworld_radio] TW-100 Base Radio for sale

Yahoo group: transworld_radio
Date: 2007-04-16 22:33:48 UTC
From: Dave Graham
Topic: 338 Message: 339
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

340. Re: [transworld_radio] mic plug

Yahoo group: transworld_radio
Date: 2007-04-19 21:29:03 UTC
From: sandorwetsel@wmconnect.com
Topic: 340 Message: 340

I'm curious. Has anyone bothered to try swapping this difficult to find part out for a standard 4 pin plug as used on the older Yaesu's, kenwoods ect..? I have looked at doing it but I have much bigger fish to fry on my TW 100. The 2 or 3 4 pin plugs i do have look like they would go right into the front and wire it up exactly as the original.
73 es God Bless
DE KG4FET Sandor </HTML>

341. TW100 Mic plug/socket

Yahoo group: transworld_radio
Date: 2007-04-20 12:13:58 UTC
From: Greenman Family
Topic: 341 Message: 341

The standard Kenwood type mic socket does not fit the hole in the TW100 panel. Someone had tried to fit one to mine, and made a mess of it.

I simply replaced it with a conventional 5-pin 180? DIN panel mount female connector - perfect fit, no trouble at all, and can use the rig with standard dynamic mics with CODAN pinout.

I then made an adaptor with a 180? male cable connector and an RJ45 on the other end, and run the rig in digital modes using my Rigblaster interface. The TW100 runs really well on digital modes. Latest fashion down here is NBTV, 48 line colour!

73,
Murray ZL1BPU

342. Re: [transworld_radio] mic plug

Yahoo group: transworld_radio
Date: 2007-04-20 16:50:13 UTC
From: Markus Baertschi
Topic: 340 Message: 342
Attachments: 2 described; binary payloads are missing from this source WARC

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[ Attachment content not displayed ]
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343. Re: mic plug

Yahoo group: transworld_radio
Date: 2007-04-23 21:06:37 UTC
From: Keith Watkins
Topic: 340 Message: 343

--- In transworld_radio@yahoogroups.com, "Markus Baertschi"
<markus@...> wrote:
>
> I've added a 5 pin DIN plug in parallel. The original plug is very
sturdy,
> but difficult to find.
>
> Markus
>
> On 4/20/07, sandorwetsel@... <sandorwetsel@...> wrote:
> >
> > I'm curious. Has anyone bothered to try swapping this difficult
to find
> > part out for a standard 4 pin plug as used on the older Yaesu's,
kenwoods
> > ect..? I have looked at doing it but I have much bigger fish to
fry on my
> > TW 100. The 2 or 3 4 pin plugs i do have look like they would go
right into
> > the front and wire it up exactly as the original.
> > 73 es God Bless
> > DE KG4FET Sandor
I can still obtain the correct plugs + sockets but there is a minimum
order from Farnell UK.Regards Keith.
> >
> >
>
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du RossÃ© 16 Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>

344. Hello Murray

Yahoo group: transworld_radio
Date: 2007-04-30 07:07:43 UTC
From: Keith Watkins
Topic: 344 Message: 344

Murray,theres a guy in UK trying to contact you re TW history.
Did you get a mail.If not please contact me direct.
Regards Keith.tw100uk

345. Looking for me?

Yahoo group: transworld_radio
Date: 2007-05-02 17:42:25 UTC
From: Greenman Family
Topic: 345 Message: 345

Keith,

No, I didn't hear from anyone in the UK about the TW history.

He should contact me at zl1bpu AT nzart.org.nz

73,
Murray ZL1BPU

347. Re: Looking for me?

Yahoo group: transworld_radio
Date: 2007-05-05 18:54:20 UTC
From: Keith Watkins
Topic: 345 Message: 347

--- In transworld_radio@yahoogroups.com, Greenman Family <coombedn@...>
wrote:
>
> Keith,
>
> No, I didn't hear from anyone in the UK about the TW history.
>
> He should contact me at zl1bpu AT nzart.org.nz
>
> 73,
> Murray ZL1BPU
ok Murray I will forward you his.Worth a go,interesting guy.
Regards Keith.
>

348. Re: [transworld_radio] FS: Complete 1KW Station (please reply direct)

Yahoo group: transworld_radio
Date: 2007-05-07 10:50:30 UTC
From: ervin kusuma
Topic: 348 Message: 348

Hi, Iam ervin from Jakarta-Indonesia, Iam interest
your complete desktop 1 kw transworld HF station.
How much the price and freight cost to
Jakarta-Indonesia.
Thanks
Ervin Kusuma Perdana.

--- wb0qna2000 <k.gianino@...> wrote:

> For Sale... Complete desktop 1KW Transworld HF
> station (less antenna).
>
> Includes:
> -TW1000 Linear Amplifier (self-contained, solid
> state).
> -TW100 Transceiver w/ Selcall and LSB options (early
> model).
> -ATA automatic antenna tuner. (100W tuner for
> transceiver only)
> -Cables, hand mic, and complete original factory
> service docs.
>
> All equipment in good working condition. Please
> reply direct for more
> information.
>
>
>
>
>
>
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

349. Re:FS: Complete 1KW Station (please reply direct)

Yahoo group: transworld_radio
Date: 2007-05-09 17:17:18 UTC
From: Ed Myers
Topic: 348 Message: 349

I have a TW100 (no amp) and have tried to run PACTOR. It decodes PACTOR but the XMIT function is not decoded by other sites.

The problem appears to be the audio on the signal. At the beginning it has a distinct "chirp". The audio tone tales a few milliseconds

to stabilize on the final tones. One person suggested that the TW100 phase lock loops may be too slow. My TW100 works fine on HF PACKET.

Any suggestions will be appreciated. I use PACTOR on USAF MARS.

Ed Myers

WC4TT/AFA2ZS

emyers2@...

350. Chirp on TX - PACTOR

Yahoo group: transworld_radio
Date: 2007-05-11 05:24:58 UTC
From: Greenman Family
Topic: 350 Message: 350

Ed,

You should only encounter this problem if the TX and RX frequencies are different. The synthesizer is indeed quite slow, and if it has to change from one frequency to another (even 100Hz) there will be a settling period with a chirp.

I'd suggest using exactly the same TX and RX frequencies, since the synthesizer will not have to shift. If you do need a slight shift, use the Clarifier, which is not involved in the synthesizer.

I've not operated PACTOR for many years, but there may be a way to tweak the timing setup so that the transmitter starts slightly earlier than the data, which would avoid the problem at the expense of reducing the link range. I simply don't remember. Others may be able to advise.

Or you might consider using a mode which is more tolerant of timing. I'd recommend DominoEX - it works fantastically well on the TW100, and you won't need your amplifier.

73,
Murray ZL1BPU

351. TW-100 Base Unit for sale

Yahoo group: transworld_radio
Date: 2007-05-12 02:13:47 UTC
From: Mike
Topic: 351 Message: 351

I have a freshly tuned up TW-100 Base Radio with a Sure Hand Mic for sale $425 + shipping from 33714. This is a re-post due to non payment.
Thanks,

Mike n4maa

352. TW100F/AT-MS request

Yahoo group: transworld_radio
Date: 2007-05-14 22:08:15 UTC
From: nickjames209
Topic: 352 Message: 352

Hello, all,

I have been searching high and low for the TW100F technical manual. I have the operator's manual that I bought from American Milspec. The operator's manual refers to AT-MS as the technical manual. I'm in the process of scanning the operator's manual. I'll post it when it's done unless someone thinks it's a bad idea (I don't see anything in the manual saying not to distribute).

I tried calling Datron and spoke with a woman who said to email datron@.... The email seemed to deliver but I haven't received a response; it's been several weeks.

Thanks,
Nick

353. Re: [transworld_radio] TW100F/AT-MS request

Yahoo group: transworld_radio
Date: 2007-05-15 10:50:49 UTC
From: Markus Baertschi
Topic: 352 Message: 353
Attachments: 2 described; binary payloads are missing from this source WARC

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[ Attachment content not displayed ]
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354. Re: TW100F/AT-MS request

Yahoo group: transworld_radio
Date: 2007-05-16 22:28:08 UTC
From: Nick
Topic: 352 Message: 354

Thanks for the reply. I am familiar with and appreciate the manual you scanned and posted but I could not find what I was looking for. Let me explain the problem.

The TW100F I have was being worked on before I received it. I don't know who worked on it before me so I'm not sure what he was doing to it. After removing the front panel to the manual antenna tuner, I see that the tuning capacitor isn't connected to anything. I believe it should be connected to the spot provided for the long wire antenna which in turn connects to the center pin of the SO-239 connector.

I've posted some pictures in the "Miscellaneous" album to help explain.

Could someone please advise on whether or not this is correct? I do not have the thumbscrew or ceramic pieces to the long wire antenna attachment but I was thinking of just joining that wire from the tuning capacitor (looks like RG-213 with the shielding stripped) directly to the center pin of the SO-239.

Also, I will be sure to post the TW100F operator's manual once I finish scanning; should be this weekend.

Thanks everyone and Markus!

355. Re: [transworld_radio] Re: TW100F/AT-MS request

Yahoo group: transworld_radio
Date: 2007-05-17 09:03:27 UTC
From: Markus Baertschi
Topic: 352 Message: 355
Attachments: 2 described; binary payloads are missing from this source WARC

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[ Attachment content not displayed ]
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356. Re: [transworld_radio] Re: TW100F/AT-MS request

Yahoo group: transworld_radio
Date: 2007-05-17 09:04:31 UTC
From: Markus Baertschi
Topic: 352 Message: 356
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

357. Re: TW100F/AT-MS request

Yahoo group: transworld_radio
Date: 2007-05-17 21:40:24 UTC
From: nickjames209
Topic: 352 Message: 357

Markus,
Thank you for your help yet again!

Nick

--- In transworld_radio@yahoogroups.com, "Markus Baertschi"
<markus@...> wrote:
>
> Hi Nick,
>
> You've stumbled upon one of the fly-away specific things not covered
in the
> service manual. In addition it's something many owners struggle with
because
> the ceramic part is fragile (one of my two units has it missing too).
> However I can confirm that the capacitor really goes to the ceramic
pin. I
> suggest
> you use the center tap of the SO-239 connector instead and modify
the wiring
> to omit the missing ceramic part completely.
>
> Markus
>
> On 5/17/07, Nick <nickgbb@...> wrote:
> >
> > Thanks for the reply. I am familiar with and appreciate the
manual you
> > scanned and posted but I could not find what I was looking for. Let me
> > explain the problem.
> >
> > The TW100F I have was being worked on before I received it. I don't
> > know who worked on it before me so I'm not sure what he was doing to
> > it. After removing the front panel to the manual antenna tuner, I see
> > that the tuning capacitor isn't connected to anything. I believe it
> > should be connected to the spot provided for the long wire antenna
which
> > in turn connects to the center pin of the SO-239 connector.
> >
> > I've posted some pictures in the "Miscellaneous" album to help
explain.
> >
> > Could someone please advise on whether or not this is correct? I
do not
> > have the thumbscrew or ceramic pieces to the long wire antenna

> > attachment but I was thinking of just joining that wire from the
tuning
> > capacitor (looks like RG-213 with the shielding stripped) directly to
> > the center pin of the SO-239.
> >
> > Also, I will be sure to post the TW100F operator's manual once I
finish
> > scanning; should be this weekend.
> >
> > Thanks everyone and Markus!
> >
> >
>
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du RossÃ© 16 Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>

358. TW7000

Yahoo group: transworld_radio
Date: 2007-06-20 23:57:29 UTC
From: golight@bellsouth.net
Topic: 358 Message: 358

I am in need of maintenance parts for a TW7000 transceiver I am attempting to refurbish.If anyone here has attempted to deal with Transworld/Datron/Titan/L3 you know how much fun that can be.I have a factory tech manual thanks to Scott at Milspec.com,I recommend him for any manuals you may need.I want a DSP card & the ALE card if possible, will entertain any offers & appreciate any referrals anyone here can offer,regards,JimWarren

359. TW100 Suitcase Power Plug

Yahoo group: transworld_radio
Date: 2007-06-21 01:41:06 UTC
From: Randy Hayden
Topic: 359 Message: 359

```
I'm looking for a 4 pin Cannon DC power plug
for the TW100 suitcase radio...Randy...
```

360. FS: TW-7000 and ATU

Yahoo group: transworld_radio
Date: 2007-06-26 18:10:35 UTC
From: g3vkm
Topic: 360 Message: 360

Hi All,

I have a working, good condition TW-7000 transceiver and AT-7000 ATU available for sale. If you have any interest please contact me off list for more details.

73,

Roger Basford/G3VKM - Norfolk, England.

362. Re: TW100F/AT-MS request

Yahoo group: transworld_radio
Date: 2007-07-14 23:26:32 UTC
From: Nick
Topic: 352 Message: 362

All,

I have uploaded the scanned TW100F/AT Fly-Away operator's manual to http://www.sharebigfile.com/file/193088/TW100F-AT-MSOP-rar.html. It's just each page scanned to a .jpeg. I initially planned on making a PDF but haven't had time. At least this way it's out there and someone can make their own PDF if they wish. The file is approximately 11.5M. I tried uploading to the group's file page but had no success (file size too big?).

Nick

363. For Sale TW100F Flyaway Transciever ($600.00)

Yahoo group: transworld_radio
Date: 2007-07-16 04:31:21 UTC
From: stevekb6hoh
Topic: 363 Message: 363

De Steve KB6HOH in Novato, California.
Im offering this to the Group here 1st before I try either
Ebay or Cragslist. I have asked around and have been told
they have seen these units on Ebay go for around $750.00.
I see Moser Electronics (http://www.meco.org) has one for $1000.00.
That seems alittle high.
Is $600.00 to High or to Low? (I know HAMS are a cheap bunch LOL)
I would prefer local P/U in the San Francisco Bay area if possible.
Seems Shipping Charges would be expensive.

Im looking to sell mine which includes:
Aluminum Suit Case,
Telephone Handset Mic,
4pin Canon DC Power Cable w./ Aligator Batt Clips,
Braided Ground Strap,
AC Power cord,
Accessory Plug wired for the Kantronics KAM TNC
Users Manual with wiring diagram.
It does NOT have the Antenna AutoTuner.
Also NO Mods have been done to it.
Its all in good working condition.
I just fired it up and tested it on a 35amp Gel Cell Batt
and AC Power. Works just fine. Attempted to work some 2ometer
SSB but the Band was lousy. I was able to hear some PSK31 activity
on 14.070.15 but not setup to TX or RX it.
Im good on QRZ.com
If interested please drop me an Email kb6hoh@...

Tnx de Steve KB6HOH

364. TW100 MIC CONNECTOR

Yahoo group: transworld_radio
Date: 2007-07-17 23:52:02 UTC
From: Richard I. Ward
Topic: 364 Message: 364

PREH ELECTRONICS P/N 71430-040-0800, THE DISTRIBUTORS WANT $ 50MIN.
ORDERS, ANYBODY HAVE ONE LYING AROUND EXCESS, THANKS K4KTM

365. Last call - For Sale TW100F

Yahoo group: transworld_radio
Date: 2007-07-19 08:40:58 UTC
From: stevekb6hoh
Topic: 365 Message: 365

REF: Message #363

OK Guys this is my last call on this.
Anybody like to make me an reasonable offer for this Radio.
I still rather sell it here than on Craigslist or Ebay.
Drop me a Email at kb6hoh@...
Im good on QRZ.com

Tnx de Steve KB6HOH

366. Last call - For Sale TW100F

Yahoo group: transworld_radio
Date: 2007-07-19 08:40:47 UTC
From: stevekb6hoh
Topic: 365 Message: 366

REF: Message #363

OK Guys this is my last call on this.
Anybody like to make me an reasonable offer for this Radio.
I still rather sell it here than on Craigslist or Ebay.
Drop me a Email at kb6hoh@...
Im good on QRZ.com

Tnx de Steve KB6HOH

367. Re: [transworld_radio] Last call - For Sale TW100F

Yahoo group: transworld_radio
Date: 2007-07-19 08:54:04 UTC
From: Smitty
Topic: 365 Message: 367

Steve,

FYI I recently had success in selling my Flyaway in excellant condition on Ebay after trying to
sell it here.

As I recall the shipping was not to bad. I believe it was around $50 and the purchaser paid it.

Thought I would pass along the info

smitty
--- stevekb6hoh <kb6hoh@...> wrote:

> REF: Message #363
>
> OK Guys this is my last call on this.
> Anybody like to make me an reasonable offer for this Radio.
> I still rather sell it here than on Craigslist or Ebay.
> Drop me a Email at kb6hoh@...
> Im good on QRZ.com
>
> Tnx de Steve KB6HOH
>
>

_____Ready for the edge of your seat?
Check out tonight's top picks on Yahoo! TV.
http://tv.yahoo.com/

368. Re: [transworld_radio] Last call - For Sale TW100F

Yahoo group: transworld_radio
Date: 2007-07-19 09:32:57 UTC
From: Smitty
Topic: 365 Message: 368

> Steve,
>
> FYI I recently had success in selling my Flyaway in excellant condition on Ebay after trying to
> sell it here.
>
> As I recall the shipping was not to bad. I believe it was around $50 and the purchaser paid it.
>
> Thought I would pass along the info
>
> smitty
> --- stevekb6hoh <kb6hoh@...> wrote:
>
> > REF: Message #363
> >
> > OK Guys this is my last call on this.
> > Anybody like to make me an reasonable offer for this Radio.
> > I still rather sell it here than on Craigslist or Ebay.
> > Drop me a Email at kb6hoh@...
> > Im good on QRZ.com
> >
> > Tnx de Steve KB6HOH
> >
> >
>
>
>
>
>
_____Ready for
> the edge of your seat?
> Check out tonight's top picks on Yahoo! TV.
> http://tv.yahoo.com/
>

_____
Fussy? Opinionated? Impossible to please? Perfect. Join Yahoo!'s user panel and lay it on us. http://surveylink.yahoo.com/gmrs/yahoo_panel_invite.asp?a=7

369. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2007-07-24 23:46:07 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 369

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW100F HF SSB Transceiver - Operator Manual.pdf
Uploaded by : belarok <belarok@...>
Description : Official TW100F HF SSB Transceiver Operator Manual

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW100F%20HF%20SSB%20Transceiver%20-%20Operator%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

belarok <belarok@...>

370. Fly Away & Base Unit for sale

Yahoo group: transworld_radio
Date: 2007-07-25 00:15:22 UTC
From: Mike
Topic: 370 Message: 370

TW-100 Fly Away & a Base Unit for sale... both recently tuned up.

N4MAA
mike@...

371. TW7000 Service Manual

Yahoo group: transworld_radio
Date: 2007-07-25 01:00:14 UTC
From: belarok
Topic: 371 Message: 371

Does anyone know where I could pickup/download a copy of a TW7000 service manual?

Thank you in advance.

Alex

372. Re: [transworld_radio] New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2007-07-25 08:41:16 UTC
From: Markus Baertschi
Topic: 200 Message: 372
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

373. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2007-07-25 15:16:27 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 373

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW100F Operator Manual.pdf
Uploaded by : inmywinne <inmywinne@...>
Description : TW100F Operator Manual - Sept 1990

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW100F%20Operator%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

inmywinne <inmywinne@...>

374. TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-10 00:21:48 UTC
From: spider85344
Topic: 374 Message: 374

Can anyone point me to where I might be able to purchase an accessory plug for the TW100F?

Jim, K7WFR, AAR9AD

375. Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-15 22:49:11 UTC
From: belarok
Topic: 374 Message: 375

Have you tried going through the manufacturer? Datron's website is located at http://www.dtwc.com

Their customer service department can be reached at 760-597-1500 or customerservice@...

Alex

--- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@...> wrote:
>
> Can anyone point me to where I might be able to purchase an accessory
> plug for the TW100F?
>
> Jim, K7WFR, AAR9AD
>

376. Re: [transworld_radio] Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-15 23:18:40 UTC
From: K7WFR
Topic: 374 Message: 376

Hi Alex!

I am waiting for them to return an email!

Jim

----- Original Message -----
From: "belarok" <belarok@...>
To: <transworld_radio@yahoogroups.com>
Sent: Wednesday, August 15, 2007 3:49 PM
Subject: [transworld_radio] Re: TW100F Acc Connector?

Have you tried going through the manufacturer? Datron's website is
located at http://www.dtwc.com

Their customer service department can be reached at 760-597-1500 or
customerservice@...

Alex

--- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@...>
wrote:
>
> Can anyone point me to where I might be able to purchase an accessory
> plug for the TW100F?
>
> Jim, K7WFR, AAR9AD
>

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.476 / Virus Database: 269.11.19/953 - Release Date: 8/14/2007
5:19 PM

377. Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-17 23:01:57 UTC
From: pjm1804
Topic: 374 Message: 377

--- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@...>
wrote:
>
> Can anyone point me to where I might be able to purchase an accessory
> plug for the TW100F?
>
> Jim, K7WFR, AAR9AD
>

Fair Radio Sales
I have been working with Phillip Sellati at Fair Radio and we believe
that we have identified the plug as a 20-27P. He said that he may
have more than the one that I have ordered but a limited supply at
best . The cost is $18.00.

Paul
N1VUI, AAR1AU/T

378. Re: [transworld_radio] Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-18 08:14:34 UTC
From: Markus Baertschi
Topic: 374 Message: 378
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

379. Re: [transworld_radio] Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-18 13:26:01 UTC
From: K7WFR
Topic: 374 Message: 379

Hi Paul and thanks for the information!

When you receive the plug, please let me know if it fits!

Thanks!

Jim K7WFR, AAR9AD

----- Original Message -----
From: "pjm1804" <pjm@...>
To: <transworld_radio@yahoogroups.com>
Sent: Friday, August 17, 2007 4:01 PM
Subject: [transworld_radio] Re: TW100F Acc Connector?

--- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@...>
wrote:
>
> Can anyone point me to where I might be able to purchase an accessory
> plug for the TW100F?
>
> Jim, K7WFR, AAR9AD
>

Fair Radio Sales
I have been working with Phillip Sellati at Fair Radio and we believe
that we have identified the plug as a 20-27P. He said that he may
have more than the one that I have ordered but a limited supply at
best . The cost is $18.00.

Paul
N1VUI, AAR1AU/T

No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.484 / Virus Database: 269.12.0/958 - Release Date: 8/17/2007
2:31 PM

380. Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-26 17:56:27 UTC
From: pjm1804
Topic: 374 Message: 380

I received the 20-27p from Fair Radio yesterday and it fits fine.
The plug received had been cut off of a cable and had about 2 inches
of wire attached. All though I can splice on to the wires I would
prefer to replace the cable with new. But I can not figure out how
to get the plug apart and get at the inner terminals. Any one have
any experience with this type of connector?

Paul N1VUI, AAR1AU/T

--- In transworld_radio@yahoogroups.com, "K7WFR" <k7wfr@...> wrote:
>
> Hi Paul and thanks for the information!
>
> When you receive the plug, please let me know if it fits!
>
> Thanks!
>
> Jim K7WFR, AAR9AD
>
>
> ----- Original Message -----
> From: "pjm1804" <pjm@...>
> To: <transworld_radio@yahoogroups.com>
> Sent: Friday, August 17, 2007 4:01 PM
> Subject: [transworld_radio] Re: TW100F Acc Connector?
>
>
> --- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@>
> wrote:
> >
> > Can anyone point me to where I might be able to purchase an
accessory
> > plug for the TW100F?
> >
> > Jim, K7WFR, AAR9AD
> >
>
> Fair Radio Sales
> I have been working with Phillip Sellati at Fair Radio and we
believe
> that we have identified the plug as a 20-27P. He said that he may
> have more than the one that I have ordered but a limited supply at
> best . The cost is $18.00.
>
> Paul

> N1VUI, AAR1AU/T
>
>
>
>
>
>
> ----------

>
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.5.484 / Virus Database: 269.12.0/958 - Release Date:
8/17/2007
> 2:31 PM
>

381. Re: [transworld_radio] Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-26 21:27:50 UTC
From: Glenn Little WB4UIV
Topic: 374 Message: 381

It depends on the connector. Some connectors were solder and some were crimp. If it is not obvious as to how to disassemble the connector, I suspect that this is a crimp connector. The mechanic would crimp the pins on the wit=res and insert them into the connector. To seat the pin took a pin pusher. To extract the pin, took a pin extractor. There is a pin extractor and pusher for each size pin.

Who made the connector and what is the complete part number?

I have a connector kit for putting on and removing all the connectors on an A-10 aircraft. Even with this, I find that there are connectors that I cannot fix.

Daniels in Orlando Fl makes a large amount of termination, insertion and extraction tools.

73
Glenn

WB4UIV

At 12:56 PM 08/26/07, pjm1804 wrote:
>I received the 20-27p from Fair Radio yesterday and it fits fine.
>The plug received had been cut off of a cable and had about 2 inches
>of wire attached. All though I can splice on to the wires I would
>prefer to replace the cable with new. But I can not figure out how
>to get the plug apart and get at the inner terminals. Any one have
>any experience with this type of connector?
>
>Paul N1VUI, AAR1AU/T
>
>
>
>--- In transworld_radio@yahoogroups.com, "K7WFR" <k7wfr@...> wrote:
> >
> > Hi Paul and thanks for the information!
> >
> > When you receive the plug, please let me know if it fits!
> >
> > Thanks!
> >
> > Jim K7WFR, AAR9AD
> >
> >
> > ----- Original Message -----
> > From: "pjm1804" <pjm@...>

> > To: <transworld_radio@yahoogroups.com>
> > Sent: Friday, August 17, 2007 4:01 PM
> > Subject: [transworld_radio] Re: TW100F Acc Connector?
> >
> >
> > --- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@>
> > wrote:
> > >
> > > Can anyone point me to where I might be able to purchase an
>accessory
> > > plug for the TW100F?
> > >
> > > Jim, K7WFR, AAR9AD
> > >
> >
> > Fair Radio Sales
> > I have been working with Phillip Sellati at Fair Radio and we
>believe
> > that we have identified the plug as a 20-27P. He said that he may
> > have more than the one that I have ordered but a limited supply at
> > best . The cost is $18.00.
> >
> > Paul
> > N1VUI, AAR1AU/T
> >
> >
> >
> >
> >
> >
> > ----------
>-------------
> >
> >
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.5.484 / Virus Database: 269.12.0/958 - Release Date:
>8/17/2007
> > 2:31 PM
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>
>Yahoo! Groups Links
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>
>

382. Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-26 22:19:10 UTC
From: pjm1804
Topic: 374 Message: 382

The connector is marked CANNON MS3106A20-27P.

Paul N1VUI, AAR1AU/T

--- In transworld_radio@yahoogroups.com, Glenn Little WB4UIV
<glennmaillist@...> wrote:
>
> It depends on the connector. Some connectors were solder and some
were
> crimp. If it is not obvious as to how to disassemble the
connector, I
> suspect that this is a crimp connector. The mechanic would crimp
the pins
> on the wit=res and insert them into the connector. To seat the pin
took a
> pin pusher. To extract the pin, took a pin extractor. There is a
pin
> extractor and pusher for each size pin.
>
> Who made the connector and what is the complete part number?
>
> I have a connector kit for putting on and removing all the
connectors on an
> A-10 aircraft. Even with this, I find that there are connectors
that I
> cannot fix.
>
> Daniels in Orlando Fl makes a large amount of termination,
insertion and
> extraction tools.
>
> 73
> Glenn
>
> WB4UIV
>
>
> At 12:56 PM 08/26/07, pjm1804 wrote:
> >I received the 20-27p from Fair Radio yesterday and it fits fine.
> >The plug received had been cut off of a cable and had about 2
inches
> >of wire attached. All though I can splice on to the wires I would
> >prefer to replace the cable with new. But I can not figure out
how
> >to get the plug apart and get at the inner terminals. Any one have

> >any experience with this type of connector?
> >
> >Paul N1VUI, AAR1AU/T
> >
> >
> >
> >--- In transworld_radio@yahoogroups.com, "K7WFR" <k7wfr@> wrote:
> > >
> > > Hi Paul and thanks for the information!
> > >
> > > When you receive the plug, please let me know if it fits!
> > >
> > > Thanks!
> > >
> > > Jim K7WFR, AAR9AD
> > >
> > >
> > > ----- Original Message -----
> > > From: "pjm1804" <pjm@>
> > > To: <transworld_radio@yahoogroups.com>
> > > Sent: Friday, August 17, 2007 4:01 PM
> > > Subject: [transworld_radio] Re: TW100F Acc Connector?
> > >
> > >
> > > --- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@>
> > > wrote:
> > > >
> > > > Can anyone point me to where I might be able to purchase an
> >accessory
> > > > plug for the TW100F?
> > > >
> > > > Jim, K7WFR, AAR9AD
> > > >
> > >
> > > Fair Radio Sales
> > > I have been working with Phillip Sellati at Fair Radio and we
> >believe
> > > that we have identified the plug as a 20-27P. He said that he
may
> > > have more than the one that I have ordered but a limited
supply at
> > > best . The cost is $18.00.
> > >
> > > Paul
> > > N1VUI, AAR1AU/T
> > >
> > >
> > >
> > >
> > >

> > >
> > > ----------

> >----------
> > >
> > >
> > > No virus found in this incoming message.
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> > > Version: 7.5.484 / Virus Database: 269.12.0/958 - Release Date:
> >8/17/2007
> > > 2:31 PM
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> >
> >Yahoo! Groups Links
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> >
>

383. Re: [transworld_radio] Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-27 00:21:56 UTC
From: Glenn Little WB4UIV
Topic: 374 Message: 383

Look at page 10 of this document
<http://www.amphenol.co.uk/pdf/Sealed%20Solder%205015.pdf> . It shows a
MS3106A connector. Page 29 shows the contact arrangement for a 20-27 insert.

If you screw the connector onto the mating connector on the radio, you
should be able to unscrew the clamp (if one is there) after removing the
two clamp screws. The next section of the connector should unscrew just
after the locking ring. With this removed, if the connector is solder,
which it appears to be, there should be a rubber seal that seals around the
wires. This can be slid back onto the wires. With this out of the way, you
should see the solder cups. You can heat these one at a time and remove the
wires. Then using a vacuum desolderer remove the solder from the cups. You
then have a close to new connector.

Hope this works for you.

73
Glenn
WB4UIV

At 05:19 PM 08/26/07, you wrote:
>The connector is marked CANNON MS3106A20-27P.
>
>Paul N1VUI, AAR1AU/T
>
>
>
>
>--- In transworld_radio@yahoogroups.com, Glenn Little WB4UIV
><glennmaillist@...> wrote:
> >
> > It depends on the connector. Some connectors were solder and some
>were
> > crimp. If it is not obvious as to how to disassemble the
>connector, I
> > suspect that this is a crimp connector. The mechanic would crimp
>the pins
> > on the wit=res and insert them into the connector. To seat the pin
>took a
> > pin pusher. To extract the pin, took a pin extractor. There is a
>pin
> > extractor and pusher for each size pin.
> >
> > Who made the connector and what is the complete part number?
> >
> > I have a connector kit for putting on and removing all the

>connectors on an
> > A-10 aircraft. Even with this, I find that there are connectors
>that I
> > cannot fix.
> >
> > Daniels in Orlando Fl makes a large amount of termination,
>insertion and
> > extraction tools.
> >
> > 73
> > Glenn
> >
> > WB4UIV
> >
> >
> > At 12:56 PM 08/26/07, pjm1804 wrote:
> > >I received the 20-27p from Fair Radio yesterday and it fits fine.
> > >The plug received had been cut off of a cable and had about 2
>inches
> > >of wire attached. All though I can splice on to the wires I would
> > >prefer to replace the cable with new. But I can not figure out
>how
> > >to get the plug apart and get at the inner terminals. Any one have
> > >any experience with this type of connector?
> > >
> > >Paul N1VUI, AAR1AU/T
> > >
> > >
> > >
> > >--- In transworld_radio@yahoogroups.com, "K7WFR" <k7wfr@> wrote:
> > > >
> > > > Hi Paul and thanks for the information!
> > > >
> > > > When you receive the plug, please let me know if it fits!
> > > >
> > > > Thanks!
> > > >
> > > > Jim K7WFR, AAR9AD
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: "pjm1804" <pjm@>
> > > > To: <transworld_radio@yahoogroups.com>
> > > > Sent: Friday, August 17, 2007 4:01 PM
> > > > Subject: [transworld_radio] Re: TW100F Acc Connector?
> > > >
> > > >
> > > > --- In transworld_radio@yahoogroups.com, "spider85344" <k7wfr@>
> > > > wrote:
> > > > >

> > > > > Can anyone point me to where I might be able to purchase an
> > >accessory
> > > > > plug for the TW100F?
> > > > >
> > > > > Jim, K7WFR, AAR9AD
> > > > >
> > > >
> > > > Fair Radio Sales
> > > > I have been working with Phillip Sellati at Fair Radio and we
> > >believe
> > > > that we have identified the plug as a 20-27P. He said that he
>may
> > > > have more than the one that I have ordered but a limited
>supply at
> > > > best . The cost is $18.00.
> > > >
> > > > Paul
> > > > N1VUI, AAR1AU/T
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > > > ----------
>----
> > >----------
> > > >
> > > >
> > > > No virus found in this incoming message.
> > > > Checked by AVG Free Edition.
> > > > Version: 7.5.484 / Virus Database: 269.12.0/958 - Release Date:
> > >8/17/2007
> > > > 2:31 PM
> > > >
> > >
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> > >
> > >
> > >
> > >Yahoo! Groups Links
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>Yahoo! Groups Links
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384. Re: TW100F Acc Connector?

Yahoo group: transworld_radio
Date: 2007-08-27 00:19:19 UTC
From: pjm1804
Topic: 374 Message: 384

Thank You that worked.

Paul N1VUI, AAR1AU/T

--- In transworld_radio@yahoogroups.com, Glenn Little WB4UIV
<glennmaillist@...> wrote:
>
> Look at page 10 of this document
> <http://www.amphenol.co.uk/pdf/Sealed%20Solder%205015.pdf> . It
shows a
> MS3106A connector. Page 29 shows the contact arrangement for a 20-
27 insert.
>
> If you screw the connector onto the mating connector on the radio,
you
> should be able to unscrew the clamp (if one is there) after
removing the
> two clamp screws. The next section of the connector should unscrew
just
> after the locking ring. With this removed, if the connector is
solder,
> which it appears to be, there should be a rubber seal that seals
around the
> wires. This can be slid back onto the wires. With this out of the
way, you
> should see the solder cups. You can heat these one at a time and
remove the
> wires. Then using a vacuum desolderer remove the solder from the
cups. You
> then have a close to new connector.
>
> Hope this works for you.
>
> 73
> Glenn
> WB4UIV
>
>
>
> At 05:19 PM 08/26/07, you wrote:
> >The connector is marked CANNON MS3106A20-27P.
> >
> >Paul N1VUI, AAR1AU/T
> >
> >

> >
> >
> >--- In transworld_radio@yahoogroups.com, Glenn Little WB4UIV
> ><glennmaillist@> wrote:
> > >
> > > It depends on the connector. Some connectors were solder and
some
> >were
> > > crimp. If it is not obvious as to how to disassemble the
> >connector, I
> > > suspect that this is a crimp connector. The mechanic would
crimp
> >the pins
> > > on the wit=res and insert them into the connector. To seat the
pin
> >took a
> > > pin pusher. To extract the pin, took a pin extractor. There is
a
> >pin
> > > extractor and pusher for each size pin.
> > >
> > > Who made the connector and what is the complete part number?
> > >
> > > I have a connector kit for putting on and removing all the
> >connectors on an
> > > A-10 aircraft. Even with this, I find that there are connectors
> >that I
> > > cannot fix.
> > >
> > > Daniels in Orlando Fl makes a large amount of termination,
> >insertion and
> > > extraction tools.
> > >
> > > 73
> > > Glenn
> > >
> > > WB4UIV
> > >
> > >
> > > At 12:56 PM 08/26/07, pjm1804 wrote:
> > > >I received the 20-27p from Fair Radio yesterday and it fits
fine.
> > > >The plug received had been cut off of a cable and had about 2
> >inches
> > > >of wire attached. All though I can splice on to the wires I
would
> > > >prefer to replace the cable with new. But I can not figure
out
> >how
> > > >to get the plug apart and get at the inner terminals. Any one

have
> > > >any experience with this type of connector?
> > > >
> > > >Paul N1VUI, AAR1AU/T
> > > >
>

385. TW100 web site

Yahoo group: transworld_radio
Date: 2007-09-11 20:31:08 UTC
From: Keith
Topic: 385 Message: 385

Gentlemen,I have had to change ISP's only a name change but lost my web space.
Please use or view the new one
http://freespace.virgin.net/t.w100uk/index.htm

Going thru all the re-listing now.
Also my new email address is at the bottom of the main page.
Marcus,keep up the good work.
Regards Keith.

386. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2007-10-14 10:15:50 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 386

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /TW100 Manuals/TW100
Uploaded by : zsppretoria <zs6p@...>
Description : Operator's and Technical Manuals

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/TW100%20Manuals/TW100

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

zsppretoria <zs6p@...>

387. rt100/mp

Yahoo group: transworld_radio
Date: 2007-10-30 16:44:12 UTC
From: k7da1
Topic: 387 Message: 387

does anyone on the group have a manual for the rt100/mp

dave k7da

388. Re: [transworld_radio] rt100/mp

Yahoo group: transworld_radio
Date: 2007-10-30 16:51:48 UTC
From: arthurkuhns@charter.net
Topic: 387 Message: 388

I have the RT100/MP rig. The manual for this radio is the same as for the Tw100 except for the 24Volt power supply and the RF Final amp module.
Unfortunately the TW100 manual does not detail the Amp plug pin outs which has cause me some frustration. I have not been able to locate those pin outs however if any one knows where these can be found they would be great to have in the files section.
The Tw100 manual can be found in the links section of this fourms website.
Art KK6PJ

---- k7da1 <dalex@...> wrote:
>
> does anyone on the group have a manual for the rt100/mp
>
> dave k7da
>
>
>

389. Re: rt100/mp

Yahoo group: transworld_radio
Date: 2007-11-03 18:46:31 UTC
From: na4vy
Topic: 387 Message: 389

--- In transworld_radio@yahoogroups.com, "k7da1" <dalex@...> wrote:
>
>
> does anyone on the group have a manual for the rt100/mp
>
> dave k7da
>
I have the manual. I would trade for a tw1oo manual as that is the
model I have.

Dave NA4VY

390. Re: [transworld_radio] Re: rt100/mp

Yahoo group: transworld_radio
Date: 2007-11-03 18:53:11 UTC
From: dave
Topic: 387 Message: 390

i have the rt100ms in paper and the tw100f on disk.
and i think it is in the files section on yahoo.

if you would be willing i could copy it for the group.

dave

na4vy wrote:
> --- In transworld_radio@yahoogroups.com, "k7da1" <dalex@...> wrote:
>
>>
>>does anyone on the group have a manual for the rt100/mp
>>
>>dave k7da
>>
>
> I have the manual. I would trade for a tw1oo manual as that is the
> model I have.
>
> Dave NA4VY
>
>
>

391. RE: [transworld_radio] Re: rt100/mp

Yahoo group: transworld_radio
Date: 2007-11-07 17:34:00 UTC
From: DAVID BELT
Topic: 387 Message: 391

Sure - I can send it to you.

Dave NA4VY

To: transworld_radio@yahoogroups.comFrom: dalex@...: Sat, 3 Nov 2007 11:53:11 -0700Subject: Re: [transworld_radio] Re: rt100/mp

i have the rt100ms in paper and the tw100f on disk.and i think it is in the files section on yahoo.if you would be willing i could copy it for the group.davena4vy wrote:> --- In transworld_radio@yahoogroups.com, "k7da1" <dalex@...> wrote:> >>>>does anyone on the group have a manual for the rt100/mp>>>>dave k7da>>> > I have the manual. I would trade for a tw1oo manual as that is the > model I have.> > Dave NA4VY > > >

Peek-a-boo FREE Tricks & Treats for You!
http://www.reallivemoms.com?ocid=TXT_TAGHM&loc=us

392. Re: [transworld_radio] Re: rt100/mp

Yahoo group: transworld_radio
Date: 2007-11-07 17:58:03 UTC
From: dave
Topic: 387 Message: 392

I'm at

David Alexander
21917 62ND AVE NW
Stanwood, WA 98292

tnx dave k7da

DAVID BELT wrote:
> Sure - I can send it to you.
>
> Dave NA4VY
>
>
> ---
> To: transworld_radio@yahoogroups.com
> From: dalex@...
> Date: Sat, 3 Nov 2007 11:53:11 -0700
> Subject: Re: [transworld_radio] Re: rt100/mp
>
> i have the rt100ms in paper and the tw100f on disk.
> and i think it is in the files section on yahoo.
>
> if you would be willing i could copy it for the group.
>
> dave
>
> na4vy wrote:
> > --- In transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>, "k7da1" <dalex@...> wrote:
> >
> >>
> >>does anyone on the group have a manual for the rt100/mp
> >>
> >>dave k7da
> >>
> >
> > I have the manual. I would trade for a tw1oo manual as that is the
> > model I have.
> >
> > Dave NA4VY
> >
> >
> >
>

393. TW9100 DATACOM Terminal

Yahoo group: transworld_radio
Date: 2007-11-07 19:37:36 UTC
From: belarok
Topic: 393 Message: 393

I am in need of an operating manual for a Transworld 9100 DATACOM Terminal. Any help would be greatly appreciated.

Thanks!

Alex KC2SIT

394. RE: [transworld_radio] Re: rt100/mp

Yahoo group: transworld_radio
Date: 2007-11-08 14:06:27 UTC
From: DAVID BELT
Topic: 387 Message: 394

I'll get it out by this weekend.

Dave

To: transworld_radio@yahoogroups.comFrom: dalex@...: Wed, 7 Nov 2007 09:58:03 -0800Subject: Re: [transworld_radio] Re: rt100/mp

I'm atDavid Alexander21917 62ND AVE NWStanwood, WA 98292tnx dave k7daDAVID BELT wrote:> Sure - I can send it to you.> > Dave NA4VY> > > ----------> To: transworld_radio@yahoogroups.com> From: dalex@...> Date: Sat, 3 Nov 2007 11:53:11 -0700> Subject: Re: [transworld_radio] Re: rt100/mp> > i have the rt100ms in paper and the tw100f on disk.> and i think it is in the files section on yahoo.> > if you would be willing i could copy it for the group.> > dave> > na4vy wrote:> > --- In transworld_radio@yahoogroups.com> <mailto:transworld_radio@yahoogroups.com>, "k7da1" <dalex@...> wrote:> >> >>> >>does anyone on the group have a manual for the rt100/mp> >>> >>dave k7da> >>> >> > I have the manual. I would trade for a tw1oo manual as that is the> > model I have.> >> > Dave NA4VY> >> >> >>

_____
Boo! Scare away worms, viruses and so much more! Try Windows Live OneCare!
http://onecare.live.com/standard/en-us/purchase/trial.aspx?s_cid=wl_hotmailnews

395. Re: [transworld_radio] Re: rt100/mp

Yahoo group: transworld_radio
Date: 2007-11-09 03:46:33 UTC
From: dave
Topic: 387 Message: 395

tnx
dave

DAVID BELT wrote:

>
> I'll get it out by this weekend.
>

396. Re: [transworld_radio] Re: rt100/mp

Yahoo group: transworld_radio
Date: 2007-11-21 15:46:53 UTC
From: dave
Topic: 387 Message: 396

hi dave the manual got here yesterday.

dave

DAVID BELT wrote:
>
> I'll get it out by this weekend.
>
> Dave
>
>

397. TW 100 Suitcase

Yahoo group: transworld_radio
Date: 2007-12-12 16:44:16 UTC
From: halibut542000
Topic: 397 Message: 397

I'm looking for a suitcase model of the TW100 for parts. It doesn't have to be working, but must be complete and intact. Any info on where I can locate one of these would be helpful----Thanks

398. Re: [transworld_radio] TW 100 Suitcase

Yahoo group: transworld_radio
Date: 2007-12-12 17:09:08 UTC
From: dave
Topic: 397 Message: 398

what parts are you looking for. maybe i can help you

dave

halibut542000 wrote:
> I'm looking for a suitcase model of the TW100 for parts. It doesn't
> have to be working, but must be complete and intact. Any info on where
> I can locate one of these would be helpful----Thanks
>
>

399. Re: TW 100 Suitcase

Yahoo group: transworld_radio
Date: 2007-12-12 17:27:35 UTC
From: halibut542000
Topic: 397 Message: 399

To start I need an impedence matching rotary switch found on the tuner section, I think its designated S10, and a fuse and fuse cap for the fuse holder, the one located on the right side...and also a service manual for the suitcase version of the TW100 would be helpful...
thanks---
mike KC2SJK

--- In transworld_radio@yahoogroups.com, dave <dalex@...> wrote:
>
> what parts are you looking for. maybe i can help you
>
> dave
>
>
>
> halibut542000 wrote:
> > I'm looking for a suitcase model of the TW100 for parts. It
doesn't
> > have to be working, but must be complete and intact. Any info on
where
> > I can locate one of these would be helpful----Thanks
> >
> >
>

400. Re: [transworld_radio] Re: TW 100 Suitcase

Yahoo group: transworld_radio
Date: 2007-12-12 17:47:31 UTC
From: Markus Baertschi
Topic: 397 Message: 400

On Dec 12, 2007 6:27 PM, halibut542000 <halibut542000@yahoo.com> wrote:
> To start I need an impedence matching rotary switch found on the tuner
> section, I think its designated S10, and a fuse and fuse cap for the
> fuse holder, the one located on the right side...and also a service
> manual for the suitcase version of the TW100 would be helpful...
> thanks---
> mike KC2SJK

The service manual is the same for all TW100's. I've got the suitcase
version too
and the service manual does correspond to mine. The only thing missing is the
cabling and the connector layout.
A fitting fuse holder should be possible to find:
(http://ch.farnell.com/jsp/search/productdetail.jsp?&sku=1437178)
The rotary switch will be difficult to find. You might be able to replace it
with something similar.

Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@markus.org
Switzerland Homepage: www.markus.org

401. Re: [transworld_radio] Re: TW 100 Suitcase

Yahoo group: transworld_radio
Date: 2007-12-12 20:17:37 UTC
From: vertigo
Topic: 397 Message: 401

I have no reference information in my TW100 service manual on the antenna tuner itself, like a parts list, so i'll hunt around for that too, thanks a lot for your help, will give that website a try+++ mike KC2SJK

Markus Baertschi <markus@...> wrote: On Dec 12, 2007 6:27 PM, halibut542000 <halibut542000@...> wrote:
> To start I need an impedence matching rotary switch found on the tuner
> section, I think its designated S10, and a fuse and fuse cap for the
> fuse holder, the one located on the right side...and also a service
> manual for the suitcase version of the TW100 would be helpful...
> thanks---
> mike KC2SJK

The service manual is the same for all TW100's. I've got the suitcase version too
and the service manual does correspond to mine. The only thing missing is the cabling and the connector layout.
A fitting fuse holder should be possible to find:
(http://ch.farnell.com/jsp/search/productdetail.jsp?&sku=1437178)
The rotary switch will be difficult to find. You might be able to replace it with something similar.

Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Ross? 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

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402. TW100F Flyaway DC Power Connector Plug Wanted

Yahoo group: transworld_radio
Date: 2008-02-20 08:13:43 UTC
From: bigaltyson
Topic: 402 Message: 402

Was wondering if anyone has a source for or knows the Military Part #
of the 4 Pin Plug used for DC power on the TW100F Flyaway
transceiver. Mine was missing when I got the unit and the guy listed
in the post from 2006 who had them no longer has the E Mail address
listed in the post.

403. Re: [transworld_radio] TW100F Flyaway DC Power Connector Plug Wanted

Yahoo group: transworld_radio
Date: 2008-02-20 10:13:22 UTC
From: Markus Baertschi
Topic: 402 Message: 403
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

404. AT-100 tuners

Yahoo group: transworld_radio
Date: 2008-02-28 20:23:55 UTC
From: Mike
Topic: 404 Message: 404

Does anyone know if any of these AT-100 tuners are available anywhere?

405. Join HECTOR GOICOECHEA on Yahoo! Messenger!

Yahoo group: transworld_radio
Date: 2008-03-03 22:25:07 UTC
From: yy4gmg@cantv.net
Topic: 405 Message: 405

HECTOR GOICOECHEA wants to talk with you using Yahoo! Messenger:

Accept the invitation by clicking this link:

http://invite.msg.yahoo.com/invite?op=accept&intl=us&sig=Bvk3Z9n2W.OuSypvrbPKInzuF73xY0dgvFJpVsvRBE.j1UlbF.dZlYwvN3UhAeHJbptZ43E9wlESZoguSnn3X52jMFAgP0DDmKGVTRf0u52nd4UdkNICNZJjGgSnWr4X3X5xmZVn_NEcrYsWw0q4ngxe9cvTmsM-

With Yahoo! Messenger, you get:

Free worldwide PC-to-PC calls.* All you need are speakers and a microphone (or a headset). If no one's there, leave a voicemail!

IM Windows Live™ Messenger friends too. Add your Windows Live friends to your Yahoo! contact list. See when they're online and IM them anytime.

Stealth settings keep you in control. Now you can get in touch on your time, by controlling who sees when you're online.

So what are you waiting for? It's free. Get Yahoo! Messenger and start connecting how you want, when you want.

* Emergency 911 calling services not available on Yahoo! Messenger. Please inform others who use your Yahoo! Messenger they must dial 911 through traditional phone lines or cell carriers. By using Yahoo! Messenger you agree to not use PC-to-PC calling in countries where prohibited. The above features apply to the Windows version of Yahoo! Messenger.

406. Re: TW100F Flyaway DC Power Connector Plug Wanted

Yahoo group: transworld_radio
Date: 2008-04-15 15:51:24 UTC
From: bigaltyson
Topic: 402 Message: 406

--- In transworld_radio@yahoogroups.com, "Markus Baertschi"
<markus@...> wrote:
>
> Unfortunately the connectors of the TW100 series are difficult to
come by
> and expensive if you find a source. I don't have a source either. I'm
> tempted now to rip it out and replace it with the Andersen
Powerpoles I'm
> using for all 12V gear around the house.
>
> *Markus*
>
> On Feb 20, 2008 9:13 AM, bigaltyson <bigaltyson@...> wrote:
>
> > Was wondering if anyone has a source for or knows the Military Part #
> > of the 4 Pin Plug used for DC power on the TW100F Flyaway
> > transceiver. Mine was missing when I got the unit and the guy listed
> > in the post from 2006 who had them no longer has the E Mail address
> > listed in the post.
> >
>
>
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du RossÃ© 16 Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>
Markus,
I've located a source for the TW100F 12 V Power Connectors. It's :
William Perry Co, Inc
702 (Rear) Beechwood Road
Louisville, KY 40207
(502) 893-8724
FAX (502) 893-9220

The part # is CA3106A12SA-10P, the cost is $15 each plus shipping.
Mr Perry doesn't have a website nor an E Mail address. He also only
has Voicemail on the phone (never answers personally when you call).
You're best way of contacting him is to send a Snail Mail or a Fax.
He'll mail you the connector and if it fits (I just received one and
it fits perfectly) you send him payment.
73
Al

WB6HPF

407. Re: [transworld_radio] Re: TW100F Flyaway DC Power Connector Plug Wanted

Yahoo group: transworld_radio
Date: 2008-04-15 20:46:47 UTC
From: Markus Baertschi
Topic: 402 Message: 407
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

408. TW100 Fly-away buttons Up/Down/Scan? TW-100 mic connector?

Yahoo group: transworld_radio
Date: 2008-06-20 00:09:52 UTC
From: spike.dennis
Topic: 408 Message: 408

Anybody have a source for the Up, Down, & Scan buttons on a TW-100 Fly-Away? Mine have stopped working. I think they are the same as my TW-100 desk top radios. Daytron will no longer sell parts for them. I've thought of buying a remote control head from Murphy but hate to give $90 for three buttons. I also need some of those 5 pin mic connectors for the standard TW100. Think they are Amphinol type but cant find any with that 360 deg pattern.

Thanks
Dennis
KB0SFP

409. Re: [transworld_radio] TW100 Fly-away buttons Up/Down/Scan? TW-100 mic connector?

Yahoo group: transworld_radio
Date: 2008-06-20 08:47:48 UTC
From: Markus Baertschi
Topic: 408 Message: 409

I'look into repairing them or replacing with mechanically compatible parts. the same goes for the mic connector. I've placed a 5-pin DIN connector on the side panel of my fly-away and connected it in parralel.

Markus

On 6/20/08, spike.dennis <spike.dennis@yahoo.com> wrote:
> Anybody have a source for the Up, Down, & Scan buttons on a TW-100 Fly-
> Away? Mine have stopped working. I think they are the same as my TW-100
> desk top radios. Daytron will no longer sell parts for them. I've
> thought of buying a remote control head from Murphy but hate to give
> $90 for three buttons. I also need some of those 5 pin mic connectors
> for the standard TW100. Think they are Amphinol type but cant find any
> with that 360 deg pattern.
>
> Thanks
> Dennis
> KB0SFP
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>
>

--
Sent from Gmail for mobile | mobile.google.com

Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@markus.org
Switzerland Homepage: www.markus.org

410. Re: TW100 Fly-away buttons Up/Down/Scan? TW-100 mic connector?

Yahoo group: transworld_radio
Date: 2008-06-20 12:34:42 UTC
From: belarok
Topic: 408 Message: 410

I have ordered mic connectors for the TW-100 flyaway from Sonetronics, Inc. Their website address is http://www.sonetronics.com

Good luck!

Alex
KC2SIT

--- In transworld_radio@yahoogroups.com, "spike.dennis" <spike.dennis@...> wrote:
>
> Anybody have a source for the Up, Down, & Scan buttons on a TW-100 Fly-
> Away? Mine have stopped working. I think they are the same as my TW-100
> desk top radios. Daytron will no longer sell parts for them. I've
> thought of buying a remote control head from Murphy but hate to give
> $90 for three buttons. I also need some of those 5 pin mic connectors
> for the standard TW100. Think they are Amphinol type but cant find any
> with that 360 deg pattern.
>
> Thanks
> Dennis
> KB0SFP
>

411. TW100 buttons Up/Down/Scan? mic connector mix up. Noise Blanker? TW5250 module?

Yahoo group: transworld_radio
Date: 2008-06-20 12:58:21 UTC
From: spike.dennis
Topic: 408 Message: 411

Little mix up there. The mic connector needed is the four pin on my TW100 desk top. Think it's a small Amphenol type 4 pin.

I have gobs of the 5 pin military connectors for use on the Fly-Away (which is the one I need the up/down buttons for).

I'd also like to find several of the Noise Blanker option kits(I have several of the TW100 family radios).

BTW, what is the TW5250 module for? I just noticed it in one of my radios & can't for reference for it in my manual(pdf). It has a TX audio udjustment on it.

Thanks again.
Dennis Starks
KB0SFP

412. RE: [transworld_radio] TW100 Fly-away buttons Up/Down/Scan? TW-100 mic connector?

Yahoo group: transworld_radio
Date: 2008-06-20 20:12:24 UTC
From: Huls Witweg
Topic: 408 Message: 412

My up/down buttons quit working once also. They were just stuck. I just pulled them off with my fingers (not pliers). I saw that they were 'gummy' ... something sticky on them so they wouldnt move right (very tight tolerance opening in the panel). Cleaned them and put them back and they are fine now.I also did the "do not mute audio when tuning" modification ... sure glad I did that. Love this radio.

73

http://www.secondhandradio.com

To: transworld_radio@yahoogroups.comFrom: markus@...: Fri, 20 Jun 2008 10:47:48 +0200Subject: Re: [transworld_radio] TW100 Fly-away buttons Up/Down/Scan? TW-100 mic connector?

I'look into repairing them or replacing with mechanically compatibleparts. the same goes for the mic connector. I've placed a 5-pin DINconnector on the side panel of my fly-away and connected it inparralel.MarkusOn 6/20/08, spike.dennis <spike.dennis@yahoo.com> wrote:> Anybody have a source for the Up, Down, & Scan buttons on a TW-100 Fly-> Away? Mine have stopped working. I think they are the same as my TW-100> desk top radios. Daytron will no longer sell parts for them. I've> thought of buying a remote control head from Murphy but hate to give> $90 for three buttons. I also need some of those 5 pin mic connectors> for the standard TW100. Think they are Amphinol type but cant find any> with that 360 deg pattern.>> Thanks> Dennis> KB0SFP>>> ----------->> Yahoo! Groups Links>>>>-- Sent from Gmail for mobile | mobile.google.comMarkus Baertschi Phone: ++41 (21) 807 1677Bas du Rossé 16 Fax : ++41 (21) 807 1678CH-1163, Etoy Email: markus@... Homepage: www.markus.org

_____
The i’m Talkathon starts 6/24/08. For now, give amongst yourselves.
http://www.imtalkathon.com?source=TXT_EML_WLH_LearnMore_GiveAmongst

413. Re: TW100 Fly-away buttons Up/Down/Scan?

Yahoo group: transworld_radio
Date: 2008-06-21 15:16:00 UTC
From: spike.dennis
Topic: 408 Message: 413

I wish these were stuck too, but they ain't. I have the display board out of the radio. I can jump the button connections & the radio works fine. I'm thinking of taking the buttons apart & cleaning them(nothing external has worked). The display board in the Fly-Away is the same as the one in a standard TW100 except it doesn't have the end of the board on it that would contain the ATU & option switches.

Dennis

414. Re: TW100 buttons Up/Down/Scan? mic connector mix up. Noise Blanker? TW5250 module?

Yahoo group: transworld_radio
Date: 2008-06-26 15:29:46 UTC
From: belarok
Topic: 408 Message: 414

Dennis,

The TW5250 module is a high speed selective calling system. Short call bursts are transmitted followed by short listening periods until contact is established. I have documentation for this module which I will post to this user group website shortly. The 5250 documentation was included in my documentation for the Datron RTTY terminals (TW5500 and RT5500). I have operator and technical manuals for the TW5500 and RT5500. If anyone wants them, let me know.

Hope this is helpful.

Alex
KC2SIT

--- In transworld_radio@yahoogroups.com, "spike.dennis" <spike.dennis@...> wrote:
>
> Little mix up there. The mic connector needed is the four pin on my
> TW100 desk top. Think it's a small Amphenol type 4 pin.
>
> I have gobs of the 5 pin military connectors for use on the Fly-Away
> (which is the one I need the up/down buttons for).
>
> I'd also like to find several of the Noise Blanker option kits(I have
> several of the TW100 family radios).
>
> BTW, what is the TW5250 module for? I just noticed it in one of my
> radios & can't for reference for it in my manual(pdf). It has a TX
> audio udjustment on it.
>
> Thanks again.
> Dennis Starks
> KB0SFP
>

415. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2008-06-27 19:32:45 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 415

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW5250.pdf
Uploaded by : belarok <belarok@...>
Description : RE: Message# 414 - TW5250 Documentation

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW5250.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

belarok <belarok@...>

416. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2008-06-27 23:53:19 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 416

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW5250.pdf
Uploaded by : belarok <belarok@...>
Description : TW5250 Documentation

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW5250.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

belarok <belarok@...>

417. AM operation with the TW100 series?

Yahoo group: transworld_radio
Date: 2008-06-28 20:17:00 UTC
From: spike.dennis
Topic: 417 Message: 417

I've had my TW100 up & running long enough to know one thing. It is a very poor AM radio. TX is USB with a carrier, & there is no attempt at all to receive AM, it's just USB. As my primary reason for owning these TW's is their military heritage, & as I have a regular need to check in on various AM nets, I need compatible AM to be really compatible.

I'm thinkin a mod that shuts off the carrier osc during receive would help the receiver, & kicking the SB filter out of the way during trans for true DSB w/carrier for trans. What you all think?
Anybody else ever had this dilemma?

Dennis
KB0SFP

418. TW100F Connectors

Yahoo group: transworld_radio
Date: 2008-07-12 22:22:17 UTC
From: psi769@aim.com
Topic: 408 Message: 418

Hi Group;

I own a nice TW100F and I have been fortunate to pick up some accesories for it.??I have an AT100 and just?recently picked up an RT5201 both NOS.

My question is why don't the connectors ever match the J2 connector on the radio? The AT100 has a DB25 connector and the RT5201 has a?DB9 connector.??

Am I missing something here?

Thanks for listening.

Paul

419. Transworld Up/Down/Scan buttons

Yahoo group: transworld_radio
Date: 2008-07-31 16:02:23 UTC
From: spike.dennis
Topic: 419 Message: 419

In my on going quest to replace the up/down/scan buttons on my Transworld TW100 Flyaway I have done everything to include buying a complete radio just to cannibalize it. I've not been successful at any of it. So, I remove one of the offending switches from the board & took it apart in the hopes of maybe cleaning it. What did I find? A rubber membrane similar to what's found in your TV remote control. Talk about cheesy! I don't know how many dollars Uncles Sam paid for these but you can bet it was a BUNCH!

Well, whatever it is about that rubber that's supposed to be conductive, isn't. Is there anything that can be done? Is there a paint on substance of any kind that can restore this thing?

I'm desperate!

Dennis
KB0SFP

420. Re: [transworld_radio] Transworld Up/Down/Scan buttons

Yahoo group: transworld_radio
Date: 2008-07-31 16:58:15 UTC
From: Markus Baertschi
Topic: 419 Message: 420

Several ideas:

- cannibalize a remote and use the rubber from it.
- solder a smd push-switch in place (I have some small ones who might about be the size of a robber cone used in remotes)

Markus

On Thu, Jul 31, 2008 at 6:02 PM, spike.dennis <spike.dennis@yahoo.com> wrote:
> In my on going quest to replace the up/down/scan buttons on my
> Transworld TW100 Flyaway I have done everything to include buying a
> complete radio just to cannibalize it. I've not been successful at any
> of it. So, I remove one of the offending switches from the board & took
> it apart in the hopes of maybe cleaning it. What did I find? A rubber
> membrane similar to what's found in your TV remote control. Talk about
> cheesy! I don't know how many dollars Uncles Sam paid for these but you
> can bet it was a BUNCH!
>
> Well, whatever it is about that rubber that's supposed to be
> conductive, isn't. Is there anything that can be done? Is there a paint
> on substance of any kind that can restore this thing?
>
> I'm desperate!
>
> Dennis
> KB0SFP
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@markus.org
Switzerland Homepage: www.markus.org

421. TW100 for sale or trade, Wanted PRC-1099.

Yahoo group: transworld_radio
Date: 2008-07-31 19:47:17 UTC
From: spike.dennis
Topic: 421 Message: 421

Well I have enough TW100's now. In fact I have more than enough. I have my base TW100, & I have my Flyaway(just fixed it), & I have a working TW100 spair for parts. AND, I have a 24vdc version that I purchased as a backup. Now I find that I have too many "backups", so I'm offering this one for sale or trade.

This one as noted is the 24vdc only version. It is working good & I've recently had it on the air on 40mtrs(7160USB nightly). It does however need to be used because some of the push buttons are 'bouncing'. The more you use it the better they get. I purchased it last year off Ebay from Joe Pinner who was using it for TTY, it comes with the orginal optional fan for that purpose. Selling it for what I paid, $415.00 or trade toward a good PRC-1099.

Thanks

Dennis
KB0SFP

422. A fix for bad Transworld Up/Down/Scan buttons

Yahoo group: transworld_radio
Date: 2008-07-31 20:12:53 UTC
From: spike.dennis
Topic: 422 Message: 422

You all know the trouble I've had getting my Flyawy fixed. Heaven forbid that you should ever have this problem but if you do here are some possible solutions from our friends on the armyradio reflector.

Likely the surface (not the bulk) of the conductive rubber is oxidized. See:

http://www.sandman. com/button. html

for some hints.

Try the Rubber Keypad Repair Kit that is available from Anchor Electronics. It is on page 19 of their price list. $14.95. I'm certain other suppliers have it as well.

http://www.demoboar d.com/Anchor- Pricelist_ Jan2008C. pdf

http://www.demoboar d.com/anchor. htm

Dave WA4OBJ

Interesting web site on conductive button repair, tnx! I had a similar problem with
a cordless phone. I compared the pad resistance with a good phone using an ohm
meter and sewing machine needles so's to get a good contact. Resistance values
were about those mentioned on the web site. I first cleaned the pads with rubbing
alcohol but this just provided a temporary fix. The second attempt was to use
locksmith graphite applied firmly to the pads with a toothpick, being careful not to
get the graphite powder on anything other than the pads. This brought the
resistance down to 'spec' but only time will tell how long it will last.

Jack

423. Re: [transworld_radio] Transworld Up/Down/Scan buttons

Yahoo group: transworld_radio
Date: 2008-08-01 04:28:04 UTC
From: Glenn Little WB4UIV
Topic: 419 Message: 423

There is a pad repair kit just for this type of repair. It is Chemtronics CW2605 MCM Electronics part number 20-3890 is available for $17.95. It may be available from other suppliers. I have used this to fix keypads and it works well. It is a two part mixture and has a short pot life. So it all has to be used in a short period of time.

Hope this helps

73
Glenn
WB4UIV

At 12:02 PM 7/31/2008, you wrote:
>In my on going quest to replace the up/down/scan buttons on my
>Transworld TW100 Flyaway I have done everything to include buying a
>complete radio just to cannibalize it. I've not been successful at any
>of it. So, I remove one of the offending switches from the board & took
>it apart in the hopes of maybe cleaning it. What did I find? A rubber
>membrane similar to what's found in your TV remote control. Talk about
>cheesy! I don't know how many dollars Uncles Sam paid for these but you
>can bet it was a BUNCH!
>
>Well, whatever it is about that rubber that's supposed to be
>conductive, isn't. Is there anything that can be done? Is there a paint
>on substance of any kind that can restore this thing?
>
>I'm desperate!
>
>Dennis
>KB0SFP
>
>
>----------
>
>Yahoo! Groups Links
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>

424. C991515 cable

Yahoo group: transworld_radio
Date: 2008-08-02 13:17:24 UTC
From: psi769@aim.com
Topic: 424 Message: 424

Hi

Does anyone out there have an extra C991515 cable for use with the TW 100f for sale?

Thanks
Paul N3NNL

425. DC power connector needed

Yahoo group: transworld_radio
Date: 2008-08-04 16:39:34 UTC
From: wctaylor@juno.com
Topic: 425 Message: 425

Hi all,

Just bought a TW100 at the Austin, TX. hamfest this last weekend but the DC chassis connector has been removed. I'd like to replace it with the correct type if possible. Other than that and changing it from 220V to 120V it works great.

Bill
KD4LXC

_____
Click to compare life insurance rates. Great rates, quick and easy.
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3m2vxc8yeX5w9yoIWrjAPMR9YTf7NYtiaR4RNvGgBrSTy7FY/

426. TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-08-08 21:47:54 UTC
From: psi769@aim.com
Topic: 426 Message: 426

I have an TW100-f? that I am giving away FREE. You pay shipping. Radio works fine.??

Can't stand it.?I don't like it. I just want to get rid of it.

NNNX

??

427. Re: [transworld_radio] TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-08-08 22:16:30 UTC
From: David Panek
Topic: 426 Message: 427

I will take it.
Please sned details.
Dave Panek
KE4MLV
----- Original Message -----
From: psi769@...
To: transworld_radio@yahoogroups.com
Sent: Friday, August 08, 2008 5:47 PM
Subject: [transworld_radio] TW-100f needs a good home

I have an TW100-f that I am giving away FREE. You pay shipping. Radio works fine.

Can't stand it. I don't like it. I just want to get rid of it.

NNNX

It's time to go back to school! Get the latest trends and gadgets that make the grade on AOL Shopping.

428. RE: [transworld_radio] TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-08-09 00:29:40 UTC
From: David Little
Topic: 426 Message: 428

I know you already have replies.

I would like to put my name in the hat.

I am in Brunswick, GA 31523

David
KD4NUE

-----Original Message-----
From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of psi769@...
Sent: Friday, August 08, 2008 5:48 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW-100f needs a good home

I have an TW100-f that I am giving away FREE. You pay shipping. Radio
works fine.

Can't stand it. I don't like it. I just want to get rid of it.

NNNX

It's time to go back to school! Get the latest trends and gadgets that
make the grade on AOL Shopping
<http://shopping.aol.com/back-to-school?ncid=aolins00050000000007> .

429. Re: [transworld_radio] TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-08-09 04:59:42 UTC
From: Jay
Topic: 426 Message: 429

MessageIf you're going to have draw, you can add my name too :)

Regards,
Jay
----- Original Message -----
From: David Little
To: transworld_radio@yahoogroups.com
Sent: Friday, August 08, 2008 5:29 PM
Subject: RE: [transworld_radio] TW-100f needs a good home

I know you already have replies.

I would like to put my name in the hat.

I am in Brunswick, GA 31523

David
KD4NUE

-----Original Message-----
From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of psi769@...
Sent: Friday, August 08, 2008 5:48 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW-100f needs a good home

I have an TW100-f that I am giving away FREE. You pay shipping. Radio works fine.

Can't stand it. I don't like it. I just want to get rid of it.

NNNX

It's time to go back to school! Get the latest trends and gadgets that make the grade on AOL Shopping.

430. Re: DC power connector needed

Yahoo group: transworld_radio
Date: 2008-08-09 12:02:16 UTC
From: Keith
Topic: 425 Message: 430

Don't use it on AC,50 cycles in radiated into the synth via the
solid co-ax,causing jitter.Use it on a 20a DC supply,fit a short
tail & fit powerpole conectors.The orginal DC plug had small contact
area.
Keith.
--- In transworld_radio@yahoogroups.com, wctaylor@... wrote:
>
> Hi all,
>
> Just bought a TW100 at the Austin, TX. hamfest this last weekend
but the
> DC chassis connector has been removed. I'd like to replace it with
the
> correct type if possible. Other than that and changing it from
220V to
> 120V it works great.
>
> Bill
> KD4LXC
> _____
> Click to compare life insurance rates. Great rates, quick and
easy.
>
http://thirdpartyoffers.juno.com/TGL2141/fc/Ioyw6i3m2vxc8yeX5w9yoIWrj
APMR9YTf7NYtiaR4RNvGgBrSTy7FY/
>

431. Re: TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-08-09 17:17:25 UTC
From: Mani
Topic: 426 Message: 431

Hello,
I am a ham from India. I would like to request you to consider me also
as a candidate looking for the TW-100. I will bear the shipping cost.
73
Mani (VU2ITI)
--- In transworld_radio@yahoogroups.com, psi769@... wrote:
>
> I have an TW100-f? that I am giving away FREE. You pay shipping.
Radio works fine.??
>
> Can't stand it.?I don't like it. I just want to get rid of it.
>
> NNNX
>
> ??
>

432. Re: [transworld_radio] Re: TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-08-10 05:09:50 UTC
From: ervin kusuma
Topic: 426 Message: 432

Hai,
Iam ervin from Jakarta - Indonesia, iam interest your transworld TW-100

Best 73'
Ervin

--- On Sun, 8/10/08, Mani <vu2iti@...m> wrote:

From: Mani <vu2iti@...>
Subject: [transworld_radio] Re: TW-100f needs a good home
To: transworld_radio@yahoogroups.com
Date: Sunday, August 10, 2008, 12:17 AM

Hello,
I am a ham from India. I would like to request you to consider me also
as a candidate looking for the TW-100. I will bear the shipping cost.
73
Mani (VU2ITI)
--- In transworld_radio@ yahoogroups. com, psi769@... wrote:
>
> I have an TW100-f? that I am giving away FREE. You pay shipping.
Radio works fine.??
>
> Can't stand it.?I don't like it. I just want to get rid of it.
>
> NNNX
>
> ??
>

433. TW100 Fly-Away Adjustable Low Power Setting?

Yahoo group: transworld_radio
Date: 2008-09-19 04:06:52 UTC
From: spike.dennis
Topic: 433 Message: 433

Anybody know if the low power setting(10 watts) is adjustable on the Fly-Away?

I'd like to crank mine up to 25 watts for a little better operation on 60mtrs.

I've not found a service manual for it yet.

Thanks

Dennis

KB0SFP

434. Wanted AT-100, PRC-1099, RT-100MP. Got lots to trade

Yahoo group: transworld_radio
Date: 2008-09-19 04:12:49 UTC
From: spike.dennis
Topic: 434 Message: 434

Per the subject line.
I have a bunch of stuff to trade, mostly military commo gear, earky &
late model. Check me out on QRZ.com

Thanks
Dennis
KB0SFP

435. Re: [transworld_radio] TW100 Fly-Away Adjustable Low Power Setting?

Yahoo group: transworld_radio
Date: 2008-09-20 09:38:02 UTC
From: Markus Baertschi
Topic: 433 Message: 435
Attachments: 2 described; binary payloads are missing from this source WARC

[Attachment content not displayed]

436. RE: [transworld_radio] TW100 Fly-Away Adjustable Low Power Setting?

Yahoo group: transworld_radio
Date: 2008-09-20 13:24:59 UTC
From: Huls Witweg
Topic: 433 Message: 436

I just went through my TW100F manual. I see mention of the 10w / 100w switch. But I did not find it in the schematics.

To: transworld_radio@yahoogroups.comFrom: markus@...: Sat, 20 Sep 2008 11:38:02 +0200Subject: Re: [transworld_radio] TW100 Fly-Away Adjustable Low Power Setting?

On Fri, Sep 19, 2008 at 6:06 AM, spike.dennis <spike.dennis@...> wrote:

I'd like to crank mine up to 25 watts for a little better operation on60mtrs.I had a look at the service manual I have, but it is for the TW100 (not F) and it is missing the 10W/100W Switch. But I'm sure you can modify the 10W mode to a 25W mode. You might have to follow the wires and see where they connect. The TW100 and the TW100-F are very much identical to each other, so 99% of the service manual applies.Markus-- Markus Baertschi Phone: ++41 (21) 807 1677Bas du Rossé 16 Fax : ++41 (21) 807 1678CH-1163, Etoy Email: markus@... Homepage: www.markus.org

_____
Want to do more with Windows Live? Learn “10 hidden secrets” from Jamie.
http://windowslive.com/connect/post/jamiethomson.spaces.live.com-Blog-cns!550F681DAD532637!5295.entry?ocid=TXT_TAGLM_WL_domore_092008

437. Re: [transworld_radio] TW100 Fly-Away Adjustable Low Power Setting?

Yahoo group: transworld_radio
Date: 2008-09-21 22:16:57 UTC
From: Spike Dennis
Topic: 433 Message: 437

I had the radio opened up for some repairs before I had to take it on a trip. Tried to follow the wires but they go into a loom. I'm color blind so I can't tell where they come back out again. I know the Fly-Away is simply a repackaged TW-100(I own about 5 radios) & that the standard TW-100 does not have a low power feature(though that may change here shortly on mine).

Thanks
 Dennis Starks
Military-Radio-Guy
KB0SFP

----- Original Message ----
From: Markus Baertschi <markus@...>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 20, 2008 4:38:02 AM
Subject: Re: [transworld_radio] TW100 Fly-Away Adjustable Low Power Setting?

On Fri, Sep 19, 2008 at 6:06 AM, spike.dennis <spike.dennis@...> wrote:

I'd like to crank mine up to 25 watts for a little better operation on
60mtrs.

I had a look at the service manual I have, but it is for the TW100 (not F) and it is missing the 10W/100W Switch. But I'm sure you can modify the 10W mode to a 25W mode. You might have to follow the wires and see where they connect. The TW100 and the TW100-F are very much identical to each other, so 99% of the service manual applies.

Markus
--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

438. Re: TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-10-24 18:50:02 UTC
From: michael_hislop
Topic: 426 Message: 438

--- In transworld_radio@yahoogroups.com, psi769@... wrote:
>
> I have an TW100-f? that I am giving away FREE. You pay shipping.
Radio works fine.??
>
> Can't stand it.?I don't like it. I just want to get rid of it.
>
> NNNX
>
> ??
>If you still have your TW100 f, I'll take it.

Mike Hislop

439. Re: [transworld_radio] Re: TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-10-24 19:00:13 UTC
From: Spike Dennis
Topic: 426 Message: 439

Why haven't you found a home for this radio yet?
I'm interested but very suspicious.
 Dennis Starks
Military-Radio-Guy
KB0SFP

From: michael_hislop <mhislop@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, October 24, 2008 1:50:02 PM
Subject: [transworld_radio] Re: TW-100f needs a good home

--- In transworld_radio@yahoogroups.com, psi769@... wrote:
>
> I have an TW100-f? that I am giving away FREE. You pay shipping.
Radio works fine.??
>
> Can't stand it.?I don't like it. I just want to get rid of it.
>
> NNNX
>
> ??
>If you still have your TW100 f, I'll take it.

Mike Hislop

Yahoo! Groups Links

440. Re: [transworld_radio] Re: TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-10-24 20:59:39 UTC
From: Jay
Topic: 426 Message: 440

Yep, a few of us (including myself) have said that we'd love to give it a new home, but we haven't heard who he gave it to...

Jay

----- Original Message -----
From: "michael_hislop" <mhislop@...>
Sent: Friday, October 24, 2008 11:50 AM

> --- psi769@... wrote:
> >
> > I have an TW100-f? that I am giving away FREE. You pay shipping.
> Radio works fine.??
> >
> > Can't stand it.?I don't like it. I just want to get rid of it.
> >
> > NNNX
> >
> > ??
> >If you still have your TW100 f, I'll take it.
>
> Mike Hislop

441. Re: [transworld_radio] Re: TW-100f needs a good home

Yahoo group: transworld_radio
Date: 2008-10-24 21:01:23 UTC
From: Hislop, Michael
Topic: 426 Message: 441

Thanks
This message was sent by using a handheld wireless device.

Michael R. Hislop
Chief Investigator
HCDA

----- Original Message -----
From: transworld_radio@yahoogroups.com <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com <transworld_radio@yahoogroups.com>
Sent: Fri Oct 24 13:59:39 2008
Subject: Re: [transworld_radio] Re: TW-100f needs a good home

Yep, a few of us (including myself) have said that we'd love to give it a
new home, but we haven't heard who he gave it to...

Jay

----- Original Message -----
From: "michael_hislop" <mhislop@co.humboldt <mailto:mhislop%40co.humboldt.ca.us> .ca.us>
Sent: Friday, October 24, 2008 11:50 AM

> --- psi769@... wrote:
> >
> > I have an TW100-f? that I am giving away FREE. You pay shipping.
> Radio works fine.??
> >
> > Can't stand it.?I don't like it. I just want to get rid of it.
> >
> > NNNX
> >
> > ??
> >If you still have your TW100 f, I'll take it.
>
> Mike Hislop

442. Using the TW100 with other antenna tuners

Yahoo group: transworld_radio
Date: 2008-11-13 16:08:16 UTC
From: cr_anton
Topic: 442 Message: 442

I've just become the pleased owner of a TW100 along with a matching external power supply. The radio appears to be in mint condition and I'm just starting to play around with it. My great thanks to Markus for the scan of the manual. This did wonders for understanding more about the radio and how it operates.

I wanted to ask other members on this group if anyone was using the TW100 with other automatic antenna tuners. I haven't had the luck to trip over an AT-100 but I do have an Icom AT-120 and have a AH-4 on the way. A casual view of the cable connection to the autotuner shows 4 wires to connect ground, key, tune and +12v while the AT-120 uses 4 wires labelled ground, key, start and 13.6v. This seems to imply that they might be interoperable but I'm hopeful someone might already know the answer to that question.

thanks
Chris Anton

443. TW100 Audio Rumbling?

Yahoo group: transworld_radio
Date: 2008-11-23 16:57:47 UTC
From: spike.dennis
Topic: 443 Message: 443

I have noticed in 2 of my TW100's that there is a very annoying rumbling noise in the receive audio all the time. This though not as bad when the squelch is turned off, it is very obnoxious when the squelch is on. It does not seem to affect the receive signal, & it is affected by the volume control so it's cause must precede the audio stage though at times it sounds for all the world like somebody rapidly thumping the back of the speaker.

Any ideas as to the cause & cure?

Thanks

Dennis Starks
Military Radio Guy
KB0SFP

444. RE: [transworld_radio] TW100 Audio Rumbling?

Yahoo group: transworld_radio
Date: 2008-12-02 00:45:02 UTC
From: Huls Witweg
Topic: 443 Message: 444

Typical noise from aging electrolytic capacitors.
When I bought mine it had that noise.... I left it turned on for a week and it went away; probably re-formed the electrolytic capacitor enough to stop the noise. So I am sure it will be back.... when it does come back I will peruse the schematics and hunt it down. The noise was identical, the volume control turned it up or down, so we know it was a stage before the control.

Time to be happy that there are no surface-mount parts in the TW100 so we can fix them ourselves !

To: transworld_radio@yahoogroups.comFrom: spike.dennis@yahoo.comDate: Sun, 23 Nov 2008 16:57:47 +0000Subject: [transworld_radio] TW100 Audio Rumbling?

I have noticed in 2 of my TW100's that there is a very annoying rumbling noise in the receive audio all the time. This though not as bad when the squelch is turned off, it is very obnoxious when the squelch is on. It does not seem to affect the receive signal, & it is affected by the volume control so it's cause must precede the audio stage though at times it sounds for all the world like somebody rapidly thumping the back of the speaker.Any ideas as to the cause & cure?ThanksDennis StarksMilitary Radio GuyKB0SFP

_____
Get more done, have more fun, and stay more connected with Windows Mobile®.
http://clk.atdmt.com/MRT/go/119642556/direct/01/

445. Re: [transworld_radio] TW100 Audio Rumbling?

Yahoo group: transworld_radio
Date: 2008-12-02 01:20:51 UTC
From: Spike Dennis
Topic: 443 Message: 445

In the old days a little freeze spray would point out those pesky things pretty fast. I guess I should lay in a supply.

I have noticed in 2 of my TW100's that there is a very annoying rumbling noise in the receive audio all the time. This though not as bad when the squelch is turned off, it is very obnoxious when the squelch is on. It does not seem to affect the receive signal, & it is affected by the volume control so it's cause must precede the audio stage though at times it sounds for all the world like somebody rapidly thumping the back of the speaker.

Any ideas as to the cause & cure?

Thanks

Dennis Starks
Military Radio Guy
KB0SFP

_____
Get more done, have more fun, and stay more connected with Windows Mobile®. See how.

446. Re: TW100 Audio Rumbling?

Yahoo group: transworld_radio
Date: 2008-12-02 18:02:03 UTC
From: neil277@juno.com
Topic: 443 Message: 446

-- transworld_radio@yahoogroups.com wrote:

> Re: TW100 Audio Rumbling?
> Posted by: "Huls Witweg" hulsw@... hulswitweg
> Date: Mon Dec 1, 2008 4:45 pm ((PST))
>
> Typical noise from aging electrolytic capacitors. <SNIP>

Might the sound also be described as a slow speed putt-putt outboard motor? We used to call that 'motor-boating'. Usually caused by a defective by-pass capacitor for a cathode resistor. I've found a few in the audio stages of some gear. I think I remember that it acted as a slow speed relaxation oscillator.

Have Fun,

73
Neil Johnson, N4SI

_____
Buy Hardwood Floors Direct - Click Here.
http://thirdpartyoffers.juno.com/TGL2141/fc/PnY6rw2eFAow9TSd2COLyzcOEMtYlQemHk09Gd8ItOuO43csNQ9bM/

447. Re: [transworld_radio] Re: TW100 Audio Rumbling?

Yahoo group: transworld_radio
Date: 2008-12-02 20:25:08 UTC
From: Spike Dennis
Topic: 443 Message: 447

Nope not motor-boating, there is no rhythm to the noise at all. Just random rumbling.

KB0SFP

From: "neil277@juno.com" <neil277@...>
To: transworld_radio@yahoogroups..com
Sent: Tuesday, December 2, 2008 12:02:03 PM
Subject: [transworld_radio] Re: TW100 Audio Rumbling?

-- transworld_radio@yahoogroups.com wrote:

> Re: TW100 Audio Rumbling?
> Posted by: "Huls Witweg" hulsw@... hulswitweg
> Date: Mon Dec 1, 2008 4:45 pm ((PST))
>
> Typical noise from aging electrolytic capacitors. <SNIP>

Might the sound also be described as a slow speed putt-putt outboard motor? We used to call that 'motor-boating'. Usually caused by a defective by-pass capacitor for a cathode resistor. I've found a few in the audio stages of some gear. I think I remember that it acted as a slow speed relaxation oscillator.

Have Fun,

73
Neil Johnson, N4SI

Buy Hardwood Floors Direct - Click Here.
http://thirdpartyoffers.juno.com/TGL2141/fc/PnY6rw2eFAow9TSd2COLyzcOEMtYlQemHk09Gd8ItOuO43csNQ9bM/

Yahoo! Groups Links

448. TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-16 23:30:13 UTC
From: davidclong
Topic: 448 Message: 448

I am a new member.This is my first post.I'm a ham KB@LRI and a retired electrical engineer. i'm looking for a service manual for a TW100F/AT. The transceiver I just got works great but the automatic antenna tuner does not....it just sits and makes no clicking noises when you press the ATU initiate button. there is +15 volts getting to the ATU,and the lithium cell is ok,but with no manual it is hard to figure out what is wrong.

This is a great group of people,and I have read all the previous posts.

PS. I also have three TW100's ,the early ones with only 1 toggle switch. I have the service manuals for the later TW100 with 8 toggle switches. it would be great if I could get the correct manual for these also. thanks KB2LRI

449. Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-17 16:46:31 UTC
From: georgemenes
Topic: 448 Message: 449

I have a .pdf copy of the TW-100AT that I can send you via email. The TW-100 and the TW-100F are identical. In different housings. Do you have a TW-100F for sale or trade? Let me know. George.

--- In transworld_radio@yahoogroups.com, "davidclong" <davidclong@...> wrote:
>
> I am a new member.This is my first post.I'm a ham KB@LRI and a retired
> electrical engineer. i'm looking for a service manual for a TW100F/AT.
> The transceiver I just got works great but the automatic antenna tuner
> does not....it just sits and makes no clicking noises when you press
> the ATU initiate button. there is +15 volts getting to the ATU,and the
> lithium cell is ok,but with no manual it is hard to figure out what is
> wrong.
>
> This is a great group of people,and I have read all the previous posts.
>
> PS. I also have three TW100's ,the early ones with only 1 toggle switch.
> I have the service manuals for the later TW100 with 8 toggle switches.
> it would be great if I could get the correct manual for these also.
> thanks KB2LRI
>

450. Re: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-17 16:56:43 UTC
From: Bill Trayfors
Topic: 448 Message: 450

George,

I have a TW100 with a Shure 444 desk mic which is working perfectly.
Have too many radios (like 25), so it's time to let this puppy go.

If you're interested, let me know.

73,

Bill
WA6CCA

georgemenes wrote:
>
> I have a .pdf copy of the TW-100AT that I can send you via email. The
> TW-100 and the TW-100F are identical. In different housings. Do you have
> a TW-100F for sale or trade? Let me know. George.
>

451. Re: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-17 17:14:46 UTC
From: GMenes
Topic: 448 Message: 451

The TW-100 you are working on is a Flyaway.. right?
George A. Menes
Engineering Services.LLC.
Data Telecom Services.
Kenner, Louisiana.

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 10:56 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

George,

I have a TW100 with a Shure 444 desk mic which is working perfectly.
Have too many radios (like 25), so it's time to let this puppy go.

If you're interested, let me know.

73,

Bill
WA6CCA

georgemenes wrote:
>
> I have a .pdf copy of the TW-100AT that I can send you via email. The
> TW-100 and the TW-100F are identical. In different housings. Do you have
> a TW-100F for sale or trade? Let me know. George.
>

452. Re: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-17 17:40:15 UTC
From: Bill Trayfors
Topic: 448 Message: 452

George,

No, I don't think so. It's the desktop model with built in AC power supply. Been repainted black, but looks very good, and AFAIK is working perfectly. Very good on-the-air reports.

Bill

GMenes wrote:
>
> The TW-100 you are working on is a Flyaway.. right?
> George A. Menes
> Engineering Services.LLC.
> Data Telecom Services.
> Kenner, Louisiana.
>
> ----- Original Message -----
> *From:* Bill Trayfors <mailto:btrayfors@...>
> *To:* transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 17, 2009 10:56 AM
> *Subject:* Re: [transworld_radio] Re: TW100F/AT service manual
>
> George,
>
> I have a TW100 with a Shure 444 desk mic which is working perfectly.
> Have too many radios (like 25), so it's time to let this puppy go.
>
> If you're interested, let me know.
>
> 73,
>
> Bill
> WA6CCA
>
> georgemenes wrote:
> >
> > I have a .pdf copy of the TW-100AT that I can send you via
> email. The
> > TW-100 and the TW-100F are identical. In different housings. Do
> you have
> > a TW-100F for sale or trade? Let me know. George.
> >
>
>

453. RE: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-17 17:58:28 UTC
From: david long
Topic: 448 Message: 453

George:
Thanks ! a pdf of the TW100F/AT service manual would be great!
Send to davidclong@at hotmail.com (same as above)

thanks! dave KB2LRI

To: transworld_radio@yahoogroups.comFrom: gmenes@...: Sat, 17 Jan 2009 16:46:31 +0000Subject: [transworld_radio] Re: TW100F/AT service manual

I have a .pdf copy of the TW-100AT that I can send you via email. TheTW-100 and the TW-100F are identical. In different housings. Do you havea TW-100F for sale or trade? Let me know. George.--- In transworld_radio@yahoogroups.com, "davidclong" <davidclong@...>wrote:>> I am a new member.This is my first post.I'm a ham KB@LRI and a retired> electrical engineer. i'm looking for a service manual for a TW100F/AT.> The transceiver I just got works great but the automatic antenna tuner> does not....it just sits and makes no clicking noises when you press> the ATU initiate button. there is +15 volts getting to the ATU,andthe> lithium cell is ok,but with no manual it is hard to figure out what is> wrong.>> This is a great group of people,and I have read all the previousposts.>> PS. I also have three TW100's ,the early ones with only 1 toggleswitch.> I have the service manuals for the later TW100 with 8 toggle switches.> it would be great if I could get the correct manual for these also.> thanks KB2LRI>

_____
Windows Live™ Hotmail®: Chat. Store. Share. Do more with mail.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_hm_justgotbetter_explore_012009

454. Re: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-18 13:31:12 UTC
From: GMenes
Topic: 448 Message: 454

Got it. I have the manual if you are interested, but I need your email address.The desk top unit, does not have a built in antenna tuner that I know of.. You need to use the external AT-100 unit and the interconnecting cable for the front panel button to work properly.

George A. Menes

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 11:40 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

George,

No, I don't think so. It's the desktop model with built in AC power supply. Been repainted black, but looks very good, and AFAIK is working perfectly. Very good on-the-air reports.

Bill

GMenes wrote:

The TW-100 you are working on is a Flyaway.. right?
George A. Menes
Engineering Services.LLC.
Data Telecom Services.
Kenner, Louisiana.

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 10:56 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

George,

I have a TW100 with a Shure 444 desk mic which is working perfectly.
Have too many radios (like 25), so it's time to let this puppy go.

If you're interested, let me know.

73,

Bill
WA6CCA

georgemenes wrote:
>
> I have a .pdf copy of the TW-100AT that I can send you via email. The

> TW-100 and the TW-100F are identical. In different housings. Do you have
> a TW-100F for sale or trade? Let me know. George.
>

455. RE: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-18 14:52:28 UTC
From: david long
Topic: 448 Message: 455

George:
My e-mail address is davidclong@...
The tranceiver I have is the flyaway model that has the automatic antenna tuner located in the lid of the suitcase.

THANKS !
dave KB2LRI

To: transworld_radio@yahoogroups.comFrom: gmenes@...: Sun, 18 Jan 2009 07:31:12 -0600Subject: Re: [transworld_radio] Re: TW100F/AT service manual

Got it. I have the manual if you are interested, but I need your email address.The desk top unit, does not have a built in antenna tuner that I know of.. You need to use the external AT-100 unit and the interconnecting cable for the front panel button to work properly.

George A. Menes

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 11:40 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

George,No, I don't think so. It's the desktop model with built in AC power supply. Been repainted black, but looks very good, and AFAIK is working perfectly. Very good on-the-air reports.BillGMenes wrote:

The TW-100 you are working on is a Flyaway.. right?
George A. MenesEngineering Services.LLC.Data Telecom Services.Kenner, Louisiana.

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 10:56 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

George,I have a TW100 with a Shure 444 desk mic which is working perfectly. Have too many radios (like 25), so it's time to let this puppy go.If you're interested, let me know.73,BillWA6CCAgeorgemenes wrote:>> I have a .pdf copy of the TW-100AT that I can send you via email. The> TW-100 and the TW-100F are identical. In different housings. Do you have> a TW-100F for sale or trade? Let me know. George.>

_____
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http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t1_allup_howitworks_012009

456. Re: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-18 22:20:57 UTC
From: GMenes
Topic: 448 Message: 456

READ READ READ!!!

HERE IS THE LINK TO DOWNLOAD THE TW100 SERVICE MANUAL THANKS TO MARCUS.ORG!

http://www.markus.org/?cat=9

George A. Menes

----- Original Message -----
From: GMenes
To: transworld_radio@yahoogroups.com
Sent: Sunday, January 18, 2009 7:31 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

Got it. I have the manual if you are interested, but I need your email address.The desk top unit, does not have a built in antenna tuner that I know of.. You need to use the external AT-100 unit and the interconnecting cable for the front panel button to work properly.

George A. Menes

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From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 11:40 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

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Bill

GMenes wrote:

The TW-100 you are working on is a Flyaway.. right?
George A. Menes
Engineering Services.LLC.
Data Telecom Services.
Kenner, Louisiana.

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 10:56 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

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If you're interested, let me know.

73,

Bill
WA6CCA

georgemenes wrote:
>
> I have a .pdf copy of the TW-100AT that I can send you via email. The
> TW-100 and the TW-100F are identical. In different housings. Do you have
> a TW-100F for sale or trade? Let me know. George.
>

457. RE: [transworld_radio] Re: TW100F/AT service manual

Yahoo group: transworld_radio
Date: 2009-01-18 23:42:41 UTC
From: david long
Topic: 448 Message: 457

George:
THANKS
Dave KB2LRI

To: transworld_radio@yahoogroups.comFrom: gmenes@...: Sun, 18 Jan 2009 16:20:57 -0600Subject: Re: [transworld_radio] Re: TW100F/AT service manual

READ READ READ!!!

HERE IS THE LINK TO DOWNLOAD THE TW100 SERVICE MANUAL THANKS TO MARCUS.ORG!

http://www.markus.org/?cat=9

George A. Menes

----- Original Message -----
From: GMenes
To: transworld_radio@yahoogroups.com
Sent: Sunday, January 18, 2009 7:31 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

Got it. I have the manual if you are interested, but I need your email address.The desk top unit, does not have a built in antenna tuner that I know of.. You need to use the external AT-100 unit and the interconnecting cable for the front panel button to work properly.

George A. Menes

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@...m
Sent: Saturday, January 17, 2009 11:40 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

George,No, I don't think so. It's the desktop model with built in AC power supply. Been repainted black, but looks very good, and AFAIK is working perfectly. Very good on-the-air reports.BillGMenes wrote:

The TW-100 you are working on is a Flyaway.. right?
George A. MenesEngineering Services.LLC.Data Telecom Services.Kenner, Louisiana.

----- Original Message -----
From: Bill Trayfors
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 17, 2009 10:56 AM
Subject: Re: [transworld_radio] Re: TW100F/AT service manual

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_____
Windows Live™ Hotmail®: Chat. Store. Share. Do more with mail.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t1_hm_justgotbetter_explore_012009

458. TW100 Links.

Yahoo group: transworld_radio
Date: 2009-01-20 20:08:40 UTC
From: GMenes
Topic: 458 Message: 458

The link below, is very good reading for those individuals that are not familiar with the TW100. Enjoy!

http://freespace.virgin.net/t.w100uk/index.htm

Again, this one is for the Service Manual Download. It also includes a couple of Mods. Thanks to Markus.org.

http://www.markus.org/?cat=9

George A. Menes

459. RE: [transworld_radio] TW100 Links.

Yahoo group: transworld_radio
Date: 2009-01-21 15:31:42 UTC
From: david long
Topic: 458 Message: 459

GEORGE:
THANKS FOR INFO.
DAVE

To: transworld_radio@yahoogroups.comFrom: gmenes@...: Tue, 20 Jan 2009 14:08:40 -0600Subject: [transworld_radio] TW100 Links.

The link below, is very good reading for those individuals that are not familiar with the TW100. Enjoy!

http://freespace.virgin.net/t.w100uk/index.htm

Again, this one is for the Service Manual Download. It also includes a couple of Mods. Thanks to Markus.org.

http://www.markus.org/?cat=9

George A. Menes

_____
Windows Live™: E-mail. Chat. Share. Get more ways to connect.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_t2_allup_explore_012009

460. Re: [transworld_radio] TW100 Links.

Yahoo group: transworld_radio
Date: 2009-01-21 21:47:22 UTC
From: GMenes
Topic: 458 Message: 460

I hope you found the site "good reading" It took me a long time to figure out the ins and outs of the TW's. The current Transworld staff can only provide a limited amount of information on the old sets. Most of the times, they laugh along with the questions.

George A. Menes
Engineering Services.LLC.
Data Telecom Services.
Kenner, Louisiana.

----- Original Message -----
From: david long
To: george tw100
Sent: Wednesday, January 21, 2009 9:31 AM
Subject: RE: [transworld_radio] TW100 Links.

GEORGE:
THANKS FOR INFO.
DAVE

To: transworld_radio@yahoogroups.com
From: gmenes@...
Date: Tue, 20 Jan 2009 14:08:40 -0600
Subject: [transworld_radio] TW100 Links.

The link below, is very good reading for those individuals that are not familiar with the TW100. Enjoy!

http://freespace.virgin.net/t.w100uk/index.htm

Again, this one is for the Service Manual Download. It also includes a couple of Mods. Thanks to Markus.org.

http://www.markus.org/?cat=9

George A. Menes

Windows Live™: E-mail. Chat. Share. Get more ways to connect. Check it out.

461. RE: [transworld_radio] TW100 Links.

Yahoo group: transworld_radio
Date: 2009-01-21 22:04:40 UTC
From: david long
Topic: 458 Message: 461

GEORGE:

COULD YOU CALL ME AT

845-462-7064

FINDING THE CORRECT MANUALS IS HARD TO DO!

THANKS FOR YOUR HELP

DAVE

To: transworld_radio@yahoogroups.comFrom: gmenes@...: Wed, 21 Jan 2009 15:47:22 -0600Subject: Re: [transworld_radio] TW100 Links.

I hope you found the site "good reading" It took me a long time to figure out the ins and outs of the TW's. The current Transworld staff can only provide a limited amount of information on the old sets. Most of the times, they laugh along with the questions.

George A. MenesEngineering Services.LLC.Data Telecom Services.Kenner, Louisiana.

----- Original Message -----
From: david long
To: george tw100
Sent: Wednesday, January 21, 2009 9:31 AM
Subject: RE: [transworld_radio] TW100 Links.

GEORGE:THANKS FOR INFO.DAVE

To: transworld_radio@yahoogroups.comFrom: gmenes@...: Tue, 20 Jan 2009 14:08:40 -0600Subject: [transworld_radio] TW100 Links.

The link below, is very good reading for those individuals that are not familiar with the TW100. Enjoy!

http://freespace.virgin.net/t.w100uk/index.htm

Again, this one is for the Service Manual Download. It also includes a couple of Mods. Thanks to Markus.org.

http://www.markus.org/?cat=9

George A. Menes

Windows Live™: E-mail. Chat. Share. Get more ways to connect. Check it out.

Windows Live™: E-mail. Chat. Share. Get more ways to connect.
http://windowslive.com/howitworks?ocid=TXT_TAGLM_WL_t2_allup_howitworks_012009

462. TW-100 DRIVER TRANSISTORS

Yahoo group: transworld_radio
Date: 2009-01-25 19:32:26 UTC
From: davidclong
Topic: 462 Message: 462

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

463. Re: [transworld_radio] TW-100 DRIVER TRANSISTORS

Yahoo group: transworld_radio
Date: 2009-01-25 21:10:41 UTC
From: GMenes
Topic: 462 Message: 463

Use the Motorola MRF449. here is the link to the spec sheet. I would recommend you change them in pairs. Same with the PA finals.
http://www.ic-on-line.cn/iol_mrf449/pdfview/1067090.htm

George A. Menes

----- Original Message -----
From: davidclong
To: transworld_radio@yahoogroups.com
Sent: Sunday, January 25, 2009 1:32 PM
Subject: [transworld_radio] TW-100 DRIVER TRANSISTORS

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

464. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-01-26 15:38:00 UTC
From: ervin kusuma
Topic: 462 Message: 464

I have Transworld TW-100FP and Harris RF-3200 to sale, anyone needs pls contact:
ervin_kusuma@...
Thankyou
Ervin K. Perdana

--- On Mon, 1/26/09, GMenes <gmenes@...> wrote:

From: GMenes <gmenes@...>
Subject: Re: [transworld_radio] TW-100 DRIVER TRANSISTORS
To: transworld_radio@yahoogroups.com
Date: Monday, January 26, 2009, 4:10 AM

Use the Motorola MRF449. here is the link to the spec sheet. I would recommend you change them in pairs. Same with the PA finals.
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THANKS TO ALL

DAVE (KB2LRI)

465. Ervin RE: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-01-27 03:31:46 UTC
From: Pasquale Lombardi
Topic: 462 Message: 465

Hello Ervin,

I would like to know the price for the Transworld and Harris,

Thank you,

Pat in Fl.

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of ervin kusuma
Sent: Monday, January 26, 2009 10:38 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio]

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contact: ervin_kusuma@ <mailto:ervin_kusuma@...> yahoo.com
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DAVE (KB2LRI)

466. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-01-27 16:03:19 UTC
From: Spike Dennis
Topic: 466 Message: 466

I wonder if this is another scam? I know at least two of us have responded to the below off list but have received no answer.
 Dennis Starks
Military-Radio-Guy
KB0SFP

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THANKS TO ALL

DAVE (KB2LRI)

467. RE: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-01-27 16:15:24 UTC
From: David Little
Topic: 466 Message: 467

I also responded off list and received no reply.

I have a TW-100F, but what is the FP model designator?

David
KD4NUE

-----Original Message-----
From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Spike Dennis
Sent: Tuesday, January 27, 2009 11:03 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio]

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THANKS TO ALL

DAVE (KB2LRI)

468. Re: [transworld_radio] TW100 model designations

Yahoo group: transworld_radio
Date: 2009-01-27 16:55:05 UTC
From: Spike Dennis
Topic: 468 Message: 468

I don't know what the FP is, in fact I've never found any referance list as to what all the characters in the model number mean. It would be nice to have such a list as I own & use at least 4 variants of the TW100 series.

Maybe we can start here:
TW100-UL-AC, this is 4 knob version, 12vdc & 110vac. It had 2 extra connecters marked P1 & P2 as is used with the TW5250 selcal but there was no module in it. ser.no.512**

TW100-AC-UL, RC-5250, as above except has the TW5250 module in it. ser.no.86012-**

TW100, 2 knob version, 24vdc, FCC ID: B3T8P3TW100. ser.no.75025-**. No model number found.

TW100, 2 knob version, 12vdc, 110vac, ser.no.911**, FCC ID: same as above. No model number found.

TW100, Fly-Away, FCC ID: B3T8P3TW100F, ser.no.71109-**. No model number found.

Now some questions:
#1, is the fan on the Fly-Away thermaly controled? I have never known mine to come on even when the radio was a bit warm from use.
#2, has anybody ever seen a TW100 with a noise blanker installed? If so, was it effective?
#3, which is the early verson TW100? The 2 knob or 4 knob radios?

Dennis Starks
Military-Radio-Guy
KB0SFP

From: David Little <dalite01@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 27, 2009 10:15:24 AM
Subject: RE: [transworld_radio]

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KD4NUE

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DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

469. Re: [transworld_radio] TW100 model designations

Yahoo group: transworld_radio
Date: 2009-01-27 17:11:09 UTC
From: dave
Topic: 468 Message: 469

add one to you list.
i have a militarized version that is marked rt100/mp. looks like a tank could run over it with out damage!

dave k7da

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> *Sent:* Tuesday, January 27, 2009 10:15:24 AM

> *Subject:* RE: [transworld_radio]
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> THANKS TO ALL
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> DAVE (KB2LRI)
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>
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>

470. Re: [transworld_radio] TW100 model designations

Yahoo group: transworld_radio
Date: 2009-01-27 17:20:53 UTC
From: Spike Dennis
Topic: 468 Message: 470

I'd like very much to have one of those along with the matching amp & antenna tuner.

Was it supplied with a noise blanker, or just a plug where the switch would be, either or both?
Dose it have a data tag with a full model number on it or just the RT100/MP?

Another thing Id like to find for my TW100's aside from the noise blanker module, is the solid state amp & antenna tuner.
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Military-Radio-Guy
KB0SFP

From: dave <oldbeeman@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 27, 2009 11:11:09 AM
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Date: 2009-01-27 17:34:21 UTC
From: dave
Topic: 468 Message: 471

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rt100/mp and the s/n is all that is on the tag.

which amp? the 400 w model?

dave

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472. Re: [transworld_radio] TW100 model designations

Yahoo group: transworld_radio
Date: 2009-01-27 17:58:34 UTC
From: Spike Dennis
Topic: 468 Message: 472

Any amp I can get my hands on.
I think they came in a 500 & 700 watt version.
 Dennis Starks
Military-Radio-Guy
KB0SFP

From: dave <oldbeeman@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 27, 2009 11:34:21 AM
Subject: Re: [transworld_radio] TW100 model designations

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I'd like very much to have one of those along with the matching amp & antenna tuner.

Was it supplied with a noise blanker, or just a plug where the switch would be, either or both?

Dose it have a data tag with a full model number on it or just the RT100/MP?

Another thing Id like to find for my TW100's aside from the noise blanker module, is the solid state amp & antenna tuner.
 Dennis Starks
Military-Radio- Guy
KB0SFP

From: dave <oldbeeman@comcast. net>
To: transworld_radio@ yahoogroups. com
Sent: Tuesday, January 27, 2009 11:11:09 AM
Subject: Re: [transworld_ radio] TW100 model designations

add one to you list.
i have a militarized version that is marked rt100/mp. looks like a tank could run over it with out damage!

dave k7da

Spike Dennis wrote:
I don't know what the FP is, in fact I've never found any referance list as to what all the

characters in the model number mean. It would be nice to have such a list as I own & use at least 4 variants of the TW100 series.

Maybe we can start here:
TW100-UL-AC, this is 4 knob version, 12vdc & 110vac. It had 2 extra connecters marked P1 & P2 as is used with the TW5250 selcal but there was no module in it. ser.no.512**

TW100-AC-UL, RC-5250, as above except has the TW5250 module in it. ser.no.86012- **

TW100, 2 knob version, 24vdc, FCC ID: B3T8P3TW100. ser.no.75025- **. No model number found.

TW100, 2 knob version, 12vdc, 110vac, ser.no.911** , FCC ID: same as above. No model number found.

TW100, Fly-Away, FCC ID: B3T8P3TW100F, ser.no.71109- **. No model number found.

Now some questions:
#1, is the fan on the Fly-Away thermaly controled? I have never known mine to come on even when the radio was a bit warm from use.
#2, has anybody ever seen a TW100 with a noise blanker installed? If so, was it effective?
#3, which is the early verson TW100? The 2 knob or 4 knob radios?

Dennis Starks
Military-Radio- Guy
KB0SFP

_____
From: David Little <dalite01@bellsouth. net>
To: transworld_radio@ yahoogroups. com
Sent: Tuesday, January 27, 2009 10:15:24 AM
Subject: RE: [transworld_ radio]

I also responded off list and received no reply.

I have a TW-100F, but what is the FP model designator?

David
KD4NUE

-----Original Message-----
From: transworld_radio@ yahoogroups. com [mailto:transworld_ radio@yahoogroup s.com] On Behalf Of Spike Dennis
Sent: Tuesday, January 27, 2009 11:03 AM
To: transworld_radio@ yahoogroups. com
Subject: Re: [transworld_ radio]

I wonder if this is another scam? I know at least two of us have responded to the below off list but have received no answer.
Dennis Starks
Military-Radio- Guy
KB0SFP

_____
From: ervin kusuma <Ervin_Kusuma@ yahoo.com>
To: transworld_radio@ yahoogroups. com

Sent: Monday, January 26, 2009 9:38:00 AM
Subject: Re: [transworld_ radio]

I have Transworld TW-100FP and Harris RF-3200 to sale, anyone needs pls contact:
ervin_kusuma@ yahoo.com
Thankyou
Ervin K. Perdana

--- On Mon, 1/26/09, GMenes <gmenes@...> wrote:

From: GMenes <gmenes@...>
Subject: Re: [transworld_ radio] TW-100 DRIVER TRANSISTORS
To: transworld_radio@ yahoogroups. com
Date: Monday, January 26, 2009, 4:10 AM

Use the Motorola MRF449. here is the link to the spec sheet. I would recommend you change them in pairs. Same with the PA finals.
http://www.ic- on-line.cn/ iol_mrf449/ pdfview/1067090. htm

George A. Menes

----- Original Message -----
From: davidclong
To: transworld_radio@ yahoogroups. com
Sent: Sunday, January 25, 2009 1:32 PM
Subject: [transworld_ radio] TW-100 DRIVER TRANSISTORS

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER
AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE
DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

473. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-01-28 17:31:00 UTC
From: ervin kusuma
Topic: 466 Message: 473

Sorry for inconvinience, Iam still holiday in Singapore, friday Iam plan back to Jakarta and upload picture Harris RF-3200 + Transworld TW-100FP.

Thanks
Ervin Kusuma Perdana / YD0NCR

--- On Tue, 1/27/09, Spike Dennis <spike.dennis@...> wrote:

From: Spike Dennis <spike.dennis@...>
Subject: Re: [transworld_radio]
To: transworld_radio@yahoogroups.com
Date: Tuesday, January 27, 2009, 11:03 PM

I wonder if this is another scam? I know at least two of us have responded to the below off list but have received no answer.
 Dennis Starks
Military-Radio- Guy
KB0SFP

From: ervin kusuma <Ervin_Kusuma@ yahoo.com>
To: transworld_radio@ yahoogroups. com
Sent: Monday, January 26, 2009 9:38:00 AM
Subject: Re: [transworld_ radio]

I have Transworld TW-100FP and Harris RF-3200 to sale, anyone needs pls contact:
ervin_kusuma@ yahoo.com
Thankyou
Ervin K. Perdana

--- On Mon, 1/26/09, GMenes <gmenes@...> wrote:

From: GMenes <gmenes@...>
Subject: Re: [transworld_ radio] TW-100 DRIVER TRANSISTORS
To: transworld_radio@ yahoogroups. com
Date: Monday, January 26, 2009, 4:10 AM

Use the Motorola MRF449. here is the link to the spec sheet. I would recommend you change them in pairs. Same with the PA finals.
http://www.ic- on-line.cn/ iol_mrf449/ pdfview/1067090. htm

George A. Menes

----- Original Message -----
From: davidclong
To: transworld_radio@ yahoogroups. com
Sent: Sunday, January 25, 2009 1:32 PM
Subject: [transworld_ radio] TW-100 DRIVER TRANSISTORS

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

475. Re: [transworld_radio] Re: TW100 model designations

Yahoo group: transworld_radio
Date: 2009-02-02 00:45:56 UTC
From: Spike Dennis
Topic: 468 Message: 475

Thanks, I woud have thought tha it was he other way around.
The 2 knob radios are also a couple inches longer.
 Dennis Starks
Military-Radio-Guy
KB0SFP

----- Original Message ----
From: wb0qna2000 <k..gianino@...>
To: transworld_radio@yahoogroups.com
Sent: Sunday, February 1, 2009 4:58:41 PM
Subject: [transworld_radio] Re: TW100 model designations

The earliest by far were the 4-knob versions with the three nylon
(Molex) connectors on the back panel. The publication date for the
service manual is October, 1984.
-Ken

--- In transworld_radio@yahoogroups.com, Spike Dennis
<spike.dennis@...> wrote:
>
>
> Now some questions:
>
> #3, which is the early verson TW100? The 2 knob or 4 knob radios?
>
>

Yahoo! Groups Links

476. Ervin - Harris and Transworld

Yahoo group: transworld_radio
Date: 2009-02-02 02:23:25 UTC
From: Pasquale Lombardi
Topic: 466 Message: 476

OK Ervin. PLEASE keep me informed as I will purchase.

I don't know about upload.

Email me at Pasquale.nj@...

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of ervin kusuma
Sent: Wednesday, January 28, 2009 12:31 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio]

Sorry for inconvinience, Iam still holiday in Singapore, friday Iam plan
back to Jakarta and upload picture Harris RF-3200 + Transworld TW-100FP.

Thanks

Ervin Kusuma Perdana / YD0NCR

--- On Tue, 1/27/09, Spike Dennis <spike.dennis@...> wrote:

From: Spike Dennis <spike.dennis@...>
Subject: Re: [transworld_radio]
To: transworld_radio@yahoogroups.com
Date: Tuesday, January 27, 2009, 11:03 PM

I wonder if this is another scam? I know at least two of us have responded
to the below off list but have received no answer.

Dennis Starks
Military-Radio- Guy
KB0SFP

From: ervin kusuma <Ervin_Kusuma@ yahoo.com>
To: transworld_radio@ yahoogroups. com
Sent: Monday, January 26, 2009 9:38:00 AM
Subject: Re: [transworld_ radio]

I have Transworld TW-100FP and Harris RF-3200 to sale, anyone needs pls
contact: ervin_kusuma@ <mailto:ervin_kusuma@...> yahoo.com
Thankyou

Ervin K. Perdana

--- On Mon, 1/26/09, GMenes <gmenes@...> wrote:

From: GMenes <gmenes@...>
Subject: Re: [transworld_ radio] TW-100 DRIVER TRANSISTORS
To: transworld_radio@ yahoogroups. com
Date: Monday, January 26, 2009, 4:10 AM

Use the Motorola MRF449. here is the link to the spec sheet. I would recommend you change them in pairs. Same with the PA finals.

http://www.ic- on-line.cn/ iol_mrf449/ pdfview/1067090. htm
<http://www.ic-on-line.cn/iol_mrf449/pdfview/1067090.htm>

George A. Menes

----- Original Message -----

From: davidclong <mailto:davidclong@...>

To: transworld_radio@ yahoogroups. com
<mailto:transworld_radio@yahoogroups.com>

Sent: Sunday, January 25, 2009 1:32 PM

Subject: [transworld_ radio] TW-100 DRIVER TRANSISTORS

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

477. RE: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-02-16 07:27:47 UTC
From: ervin kusuma
Topic: 466 Message: 477
Attachments: 1 described; binary payloads are missing from this source WARC

Dear All,
This is Transworld radio for sale, if u interest please email me ASAP

Best 73'
Ervin Kusuma Perdana / YD0NCR

--- On Tue, 1/27/09, David Little <dalite01@...> wrote:

From: David Little <dalite01@bellsouth.net>
Subject: RE: [transworld_radio]
To: transworld_radio@yahoogroups.com
Date: Tuesday, January 27, 2009, 11:15 PM

I also responded off list and received no reply.

I have a TW-100F, but what is the FP model designator?

David
KD4NUE

-----Original Message-----
From: transworld_radio@ yahoogroups. com [mailto:transworld_ radio@yahoogroup s.com] On Behalf Of Spike Dennis
Sent: Tuesday, January 27, 2009 11:03 AM
To: transworld_radio@ yahoogroups. com
Subject: Re: [transworld_ radio]

I wonder if this is another scam? I know at least two of us have responded to the below off list but have received no answer.
 Dennis Starks
Military-Radio- Guy
KB0SFP

From: ervin kusuma <Ervin_Kusuma@ yahoo.com>
To: transworld_radio@ yahoogroups. com
Sent: Monday, January 26, 2009 9:38:00 AM
Subject: Re: [transworld_ radio]

I have Transworld TW-100FP and Harris RF-3200 to sale, anyone needs pls contact:
ervin_kusuma@ yahoo.com
Thankyou
Ervin K. Perdana

--- On Mon, 1/26/09, GMenes <gmenes@...> wrote:

From: GMenes <gmenes@...>
Subject: Re: [transworld_ radio] TW-100 DRIVER TRANSISTORS

To: transworld_radio@ yahoogroups. com
Date: Monday, January 26, 2009, 4:10 AM

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http://www.ic- on-line.cn/ iol_mrf449/ pdfview/1067090. htm

George A. Menes

----- Original Message -----
From: davidclong
To: transworld_radio@ yahoogroups. com
Sent: Sunday, January 25, 2009 1:32 PM
Subject: [transworld_ radio] TW-100 DRIVER TRANSISTORS

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

478. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-02-16 08:29:28 UTC
From: Spike Dennis
Topic: 478 Message: 478

This is simply a standard TW100.
I see no significance in the FP designation so I wonder if that is correct?

Is it 110/220vac & 12vdc, or 24vdc only?

What about the Harris?
Dennis Starks
Military-Radio-Guy
KB0SFP

479. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-02-20 10:58:36 UTC
From: ervin kusuma
Topic: 462 Message: 479
Attachments: 1 described; binary payloads are missing from this source WARC

If you need pls replay to my email ASAP.

--- On Mon, 1/26/09, ervin kusuma <Ervin_Kusuma@...> wrote:

From: ervin kusuma <Ervin_Kusuma@yahoo.com>
Subject: Re: [transworld_radio]
To: transworld_radio@yahoogroups.com
Date: Monday, January 26, 2009, 10:38 PM

I have Transworld TW-100FP and Harris RF-3200 to sale, anyone needs pls contact:
ervin_kusuma@ yahoo.com
Thankyou
Ervin K. Perdana

--- On Mon, 1/26/09, GMenes <gmenes@...> wrote:

From: GMenes <gmenes@...>
Subject: Re: [transworld_ radio] TW-100 DRIVER TRANSISTORS
To: transworld_radio@ yahoogroups. com
Date: Monday, January 26, 2009, 4:10 AM

Use the Motorola MRF449. here is the link to the spec sheet. I would recommend you change them in pairs. Same with the PA finals.
http://www.ic- on-line.cn/ iol_mrf449/ pdfview/1067090. htm

George A. Menes

----- Original Message -----
From: davidclong
To: transworld_radio@ yahoogroups. com
Sent: Sunday, January 25, 2009 1:32 PM
Subject: [transworld_ radio] TW-100 DRIVER TRANSISTORS

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER
AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE
DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

480. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-02-20 14:12:37 UTC
From: Spike Dennis
Topic: 480 Message: 480

I have already responded to your email, several times, now I will again..

This is simply a standard TW100.
I see no significance in the FP designation so I wonder if that is correct? You don't say how much you want for either of the radios you have offered.

Is it 110/220vac & 12vdc, or 24vdc only?

What about the Harris RF-3200 you offered?

You should know that do to your inability to respond & give specific information about what you are selling, the vast majority of us think this is another scam!!
 Dennis Starks
Military-Radio-Guy
KB0SFP

From: ervin kusuma <Ervin_Kusuma@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, February 20, 2009 4:58:36 AM
Subject: Re: [transworld_radio]

If you need pls replay to my email ASAP.

--- On Mon, 1/26/09, ervin kusuma <Ervin_Kusuma@...> wrote:

From: ervin kusuma <Ervin_Kusuma@yahoo.com>
Subject: Re: [transworld_radio]
To: transworld_radio@yahoogroups.com
Date: Monday, January 26, 2009, 10:38 PM

I have Transworld TW-100FP and Harris RF-3200 to sale, anyone needs pls contact:
ervin_kusuma@ yahoo.com
Thankyou
Ervin K. Perdana

--- On Mon, 1/26/09, GMenes <gmenes@...t> wrote:

From: GMenes <gmenes@...>
Subject: Re: [transworld_ radio] TW-100 DRIVER TRANSISTORS
To: transworld_radio@ yahoogroups. com
Date: Monday, January 26, 2009, 4:10 AM

Use the Motorola MRF449. here is the link to the spec sheet. I would recommend you change them in pairs. Same with the PA finals.
http://www.ic- on-line.cn/ iol_mrf449/ pdfview/1067090. htm

George A. Menes

----- Original Message -----
From: davidclong
To: transworld_radio@ yahoogroups. com
Sent: Sunday, January 25, 2009 1:32 PM
Subject: [transworld_ radio] TW-100 DRIVER TRANSISTORS

WHAT IS A SUITABLE REPLACMENT FOR THE DRIVER TRANSISTORS FOR THE POWER AMP .I KNOW THAT SD1487 IS THE OUTPUT XISTOR ,BUT WHAT ABOUT THE DRIVERS?

THANKS TO ALL

DAVE (KB2LRI)

481. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-02-20 15:54:43 UTC
From: ervin kusuma
Topic: 480 Message: 481
Attachments: 1 described; binary payloads are missing from this source WARC

Dear Spike Dennis

I try to send u email again because Iam not receive replay from you, maybe problem comm in yahoo, this is Transworld TW100 with 12 volt DC like you see in photo.
TX with standard shure handmicrophone its easy power swing up to 125 watt, body cover up and down I think repaint.
For Harris RF-3200 I have problem I forgot the password but all component still complete condition with standart DC cord and Harris handmicrophone (Harris use 12 volt DC).
Price asking for Transworld TW100 is USD.1,000 and for Harris is USD.1,100.
Iam also an amateur radio my callsign is : YD 0 NCR, you can find my address (QTH) on www.qrz.com

Best 73'
Ervin Kusuma Perdana / YD0NCR

482. Re: [transworld_radio]

Yahoo group: transworld_radio
Date: 2009-02-20 16:15:49 UTC
From: Spike Dennis
Topic: 482 Message: 482

Thank you, but your asking price for the TW100 is nearly 2.5x what they sell for here in the US. This combined with the shipping cost from your location would be way too expensive.

The asking price for the Harris is reasonable, but again when combined with the shipping cost & the fact that it is not operation, or that operation is in question, again the amount would be too high.

Thank you.
 Dennis Starks
Military-Radio-Guy
KB0SFP

From: ervin kusuma <Ervin_Kusuma@...>
To: spike dennis <transworld_radio@yahoogroups.com>
Sent: Friday, February 20, 2009 9:54:43 AM
Subject: Re: [transworld_radio]

Dear Spike Dennis

I try to send u email again because Iam not receive replay from you, maybe problem comm in yahoo, this is Transworld TW100 with 12 volt DC like you see in photo.
TX with standard shure handmicrophone its easy power swing up to 125 watt, body cover up and down I think repaint.
For Harris RF-3200 I have problem I forgot the password but all component still complete condition with standart DC cord and Harris handmicrophone (Harris use 12 volt DC).
Price asking for Transworld TW100 is USD.1,000 and for Harris is USD.1,100.
Iam also an amateur radio my callsign is : YD 0 NCR, you can find my address (QTH) on www.qrz.com

Best 73'
Ervin Kusuma Perdana / YD0NCR

483. Noise Blanker Module

Yahoo group: transworld_radio
Date: 2009-05-31 16:14:24 UTC
From: William C Taylor
Topic: 483 Message: 483

Does anyone have a noise blanker module for a TW-100 that they will part with? I'll even consider one that needs repair. My radio does not have one installed in it and there are times when it would sure come in handy!

I'm good on QRZ.com

Thanks and 73,
Bill Taylor
KD4LXC

_____
You're never too old to date. Senior Dating. Click Here.
http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTQbQXH9frl1pBsqvVPtHD4mDM1QNMVHZ1BZoY7nDcUZrn1Ehy1hTK/

484. Re: [transworld_radio] Noise Blanker Module

Yahoo group: transworld_radio
Date: 2009-05-31 17:09:37 UTC
From: Spike Dennis
Topic: 483 Message: 484

I have 4 TW-100 family radios in operation evey day. I also have a couple parts radios that could actually be fixed with little trouble. Add to this dozens of TW-100 radios that I've either seen, or heard of. In all this, I have never seen a noise blanker, or a radio that had one. To top this off, I asked of several groups including this one, if anybody had ever even seen or heard rumor of a noise blanker. The was no response.

To close, if by a very slim chance you should ever find one I'd very much like to know about it. You will find however that the TW100 is a very quite radio. I have often shifted from noise blanker equipped radio to the a TW100 under adverse conditions for improved reception.

Good luck.
 Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: William C Taylor <wctaylor@juno.com>
> To: transworld_radio@yahoogroups.com
> Sent: Sunday, May 31, 2009 11:14:24 AM
> Subject: [transworld_radio] Noise Blanker Module
>
> Does anyone have a noise blanker module for a TW-100 that they will part
> with? I'll even consider one that needs repair.. My radio does not have
> one installed in it and there are times when it would sure come in handy!
>
> I'm good on QRZ.com
>
> Thanks and 73,
> Bill Taylor
> KD4LXC
> _____
> You're never too old to date. Senior Dating. Click Here.
> http://thirdpartyoffers.juno.com/TGL2141/fc/BLSrjpTQbQXH9frl1pBsqvVPtHD4mDM1QNMVHZ1BZoY7
nDcUZrn1Ehy1hTK/
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

485. Long delay approving new members

Yahoo group: transworld_radio
Date: 2009-06-22 12:06:35 UTC
From: Markus Bärtschi
Topic: 485 Message: 485

I just returned form a two week vacation with no access to my email and want to apologize to the couple of people who had to wait a while to get onto the list.

At the same time I'd like to ask if there are some members of the list ready to provide some moderator duty. This essentially entails to verify new member applications and approve them. This happens about once a week.

Markus

486. New member with questions about the Fly Away unit ...

Yahoo group: transworld_radio
Date: 2009-06-23 02:13:29 UTC
From: Mark (KF six IRK)
Topic: 486 Message: 486

Hi guys, just stumbled onto this group yesterday ... interesting reading so far.

I ran across a nice looking Fly Away unit with the built-in tuner at a local pawn shop several years ago and missed out on a really good deal (it was gone when I went back to buy it). I had no idea what the radio was back then - my loss.

How much does a Fly Away weigh, with the tuner?

Does the internal power supply have enough 'poop' to obtain the 125W output?

Also, what's a decent price for a fairly good (working) unit?

Thanks ...

487. Transworld items needed.

Yahoo group: transworld_radio
Date: 2009-07-10 16:19:13 UTC
From: spike.dennis
Topic: 487 Message: 487

I'm in need of a few items to inhance my TW100 experience. If you know of the availability of any of these things please let me know.

RT100 radio & all components.
RT5201 Remote control.

TW100 noise blanker(I know but it doesn't hurt to wish).
TW100F service manual(early one with built in tuner).
AT100 Antenna tuner.
TW5201 Remote control.
TW500A 500w PA.
TW700 700w PA.
TW1000A 1Kw PA.
Other sold state 12 or 24vdc concidered.

PRC-1099, backpack transceiver.

I have an unused MT1088 Power Supply/Amp/Mount for a PRC1077 or PRC1088 available to trade. It will also work with a PRC-77 etc.

Dennis Starks
KB0SFP
Monitor(all USB):
3996, 5403.5(alt 5371.5), 7296, 14342.5, 18157.5

488. Fly-Away Push Bottons

Yahoo group: transworld_radio
Date: 2009-06-22 17:14:46 UTC
From: alklase
Topic: 488 Message: 488

Hello from a new guy.

I've been working my way through two TW-100's. The Fly-Way was the greatest challenge. It's missing it's case and had a lot of missing hardware and loose modules, because the last guy that worked on it couldn't find the never-soldered joint in the PA assembly. (One end of the driver transformer was not soldered to the PCB.)

It's now back among the living, and giving a good account of itself on the nightly 02:00Z get-together on 7205 USB.

The scan and up-down buttons don't work. Dis-assembly revealed that the rubber contacts inside the switches have gone high-resistance with age. So, I could use some good switches. Perhaps there's a busted-up display module out there somewhere.

Likewise, I could be in the market for a case, if one exists.

Regards,
Al

P.S. Thanks to Markus for taking care of this Group.

489. TW-100F Fly-Away Low Power setting.

Yahoo group: transworld_radio
Date: 2009-07-15 14:45:59 UTC
From: spike.dennis
Topic: 489 Message: 489

To you lucky Fly-Away owners,

Some months ago I asked the group how the low power(10watt) position of the Fly-Away was adjusted. There was some speculation but no answers. I wanted to turn it up to about 25 watts. Well, I know a little more now.

A friend of mine(KA1GON)sent me a schematic of the 10/100 watt selector section of the TW100F but it really just made things more confusing. It was a little vague in it's text & one side of the switch schematic appeared unfinished.

As I'll be running portable with my TW100F next weekend I decided to bring it in & blow the cob webs off it(on the air). As it turns out it's a good thing because the mic had disappeared from it's case & had I not checked I'd have been 200miles out without my radio. Anyway I thought I'd open it up & adjust the high power setting which was a little low. So I opened it up, adjusted it & when I threw the switch to low it still put out 100watts. As it turns out, the normal ALC control in the TW-100F, though identical to the standard TW-100, actually adjust the LOW power setting.

So now, I need to find where the high power setting is adjusted. In the mean time, I'm happy!

Dennis Starks
KB0SFP
Monitor(all USB):
3996, 5403.5(alt 5371.5), 7296, 14342.5, 18157.5

490. Re: Fly-Away Push Bottons

Yahoo group: transworld_radio
Date: 2009-07-15 15:09:52 UTC
From: spike.dennis
Topic: 488 Message: 490

I had the exact same problem with several of my TW100's. I posed the very same question to this group & others. The fact is, there are no replacements for those buttons. Any questions to Datron will only result in a rather snide response about how they no longer support this line, PERIOD!

Any attempt to clean these buttons will only make it worse. I actually purchased a parts radio to rob them from then found that the parts radio was repairable so I couldn't bring myself to junk it. I ended up removing the very seldom used lower two right hand buttons to the left of the LCD display, & moving them to where they were needed. You then must but the bad buttons back in their place to fill the wholes. You essentially end up with two new up/down buttons.

Alternately, in response to this question I received quite a few messages about products made to restore these type push buttons. Each having a conductive type rubberized ink, or paste, these products ranged from Sharpie type pens for a few bucks, to rather elaborate restorations systems that cost $20-$40 for a TINY amount. I may have posted that information here so you might check our archives.

Before you put your TW100F back together, check the clearance of those re-installed buttons. There was no margin for error when they made those front panels & the tolerances are VERY close. You may need to very slightly relieve the openings, or reposition the buttons(which is very hard).

Good luck & hope to hear you back on 7205 shortly.

Dennis Starks
KB0SFP
Monitor(all USB):
3996, 5403.5(alt 5371.5), 7296, 14342.5, 18157.5

492. WTB: PRC-1099A Channel Switch

Yahoo group: transworld_radio
Date: 2009-07-28 04:13:46 UTC
From: alklase
Topic: 492 Message: 492

I find myself in need of a channel select switch for a Transworld/Datron PRC-1099A, Part number: 510028. Same part is used in the PRC-1099.

Any help appreciated,
Al

493. TW7000

Yahoo group: transworld_radio
Date: 2009-09-11 15:55:43 UTC
From: randy.pierce
Topic: 358 Message: 493

I have a transworld tw7000. Does anybody have a good source for parts and accessories for this model? I contacted Datron and a handheld mic is about $250.00. Seems a bit pricey.

494. Re: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2009-09-11 23:39:28 UTC
From: Alex Rokowetz
Topic: 358 Message: 494

Randy,

I agree 250 is a bit pricey. The TW7000 works with Shure mics, in particular model number 527B. You can pick them up for around 50 bucks, maybe cheaper on ePay. I use a TW7000 and I think it came straight from Datron with a Shure 527B mic.

Here's a link to a Shure 527B mic being sold at B&H Photo:
http://www.bhphotovideo.com/c/product/68403-REG/Shure_527B_527B_Cardioid_Handheld.html

Are you looking for any other parts/accesories?

Alex

From: randy.pierce <randy.pierce@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, September 11, 2009 11:55:43 AM
Subject: [transworld_radio] TW7000

I have a transworld tw7000. Does anybody have a good source for parts and accessories for this model? I contacted Datron and a handheld mic is about $250.00. Seems a bit pricey.

495. RE: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2009-09-12 01:03:44 UTC
From: Pasquale Lombardi
Topic: 358 Message: 495

Hello Alex,
Do you have parts or accessories for the Transworld TW100 or 100F?
Thank you,
Pat in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex Rokowetz
Sent: Friday, September 11, 2009 7:39 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000

Randy,

I agree 250 is a bit pricey. The TW7000 works with Shure mics, in
particular model number 527B. You can pick them up for around 50 bucks,
maybe cheaper on ePay. I use a TW7000 and I think it came straight from
Datron with a Shure 527B mic.

Here's a link to a Shure 527B mic being sold at B&H Photo:
http://www.bhphotov
<http://www.bhphotovideo.com/c/product/68403-REG/Shure_527B_527B_Cardioid_Ha
ndheld.html>
ideo.com/c/product/68403-REG/Shure_527B_527B_Cardioid_Handheld.html

Are you looking for any other parts/accesories?

Alex

From: randy.pierce <randy.pierce@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, September 11, 2009 11:55:43 AM
Subject: [transworld_radio] TW7000

I have a transworld tw7000. Does anybody have a good source for parts and
accessories for this model? I contacted Datron and a handheld mic is about
$250.00. Seems a bit pricey.

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.92/2364 - Release Date: 09/11/09
17:51:00

496. Re: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2009-09-12 01:18:34 UTC
From: dave
Topic: 358 Message: 496

hello pat.
what is it you need for the 100?

dave

Pasquale Lombardi wrote:
>
>
> Hello Alex,
> Do you have parts or accessories for the Transworld TW100 or 100F?
> Thank you,
> Pat in NJ
> ---
> *
> *
>

497. RE: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2009-09-12 01:46:07 UTC
From: Pasquale Lombardi
Topic: 358 Message: 497

Hi Alex,
I would like the Automatic Antenna Tuner.
Or a Power Amp.
Are they available?
Thank you,
Pat in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of dave
Sent: Friday, September 11, 2009 9:19 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000

hello pat.
what is it you need for the 100?

dave

Pasquale Lombardi wrote:

Hello Alex,
Do you have parts or accessories for the Transworld TW100 or 100F?
Thank you,
Pat in NJ

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.409 / Virus Database: 270.13.92/2364 - Release Date: 09/11/09
17:51:00

498. Re: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2009-09-12 03:12:53 UTC
From: dave
Topic: 358 Message: 498

sorri pat i dont have those kind of parts.
only internal part for the 100's

dave

Pasquale Lombardi wrote:
>
>
> Hi Alex,
> I would like the Automatic Antenna Tuner.
> Or a Power Amp.
> Are they available?
> Thank you,
> Pat in NJ
>
> ---
> *From:* transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com] *On Behalf Of *dave
> *Sent:* Friday, September 11, 2009 9:19 PM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* Re: [transworld_radio] TW7000
>
>
>
> hello pat.
> what is it you need for the 100?
>
> dave
>
>
> Pasquale Lombardi wrote:
>
>> Hello Alex,
>> Do you have parts or accessories for the Transworld TW100 or 100F?
>> Thank you,
>> Pat in NJ
>> ---
>> *
>> *
>>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.409 / Virus Database: 270.13.92/2364 - Release Date:
> 09/11/09 17:51:00
>

>
>
>
> ----------
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.409 / Virus Database: 270.13.92/2364 - Release Date: 09/11/09 17:51:00
>
>

499. TW-100 suit case model

Yahoo group: transworld_radio
Date: 2009-09-12 18:09:31 UTC
From: Mike Anderson
Topic: 499 Message: 499

Is anyone interested in a TW-100 works great with a manual?

Make an offer.

Manders2@...

Mike n4maa

500. Re: [transworld_radio] TW-100 suit case model

Yahoo group: transworld_radio
Date: 2009-09-13 14:26:02 UTC
From: Dennis
Topic: 499 Message: 500

AGAIN.

Absolutley I'm interested! Is it an early one with built in antenna tuner, or a later one with external automatic tuner?
Do all the push-buttons work?
 Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: Mike Anderson <manders2@tampabay.rr.com>
>To: transworld_radio@yahoogroups.com
>Sent: Saturday, September 12, 2009 1:09:31 PM
>Subject: [transworld_radio] TW-100 suit case model
>
>
>
>
>Is anyone interested in a TW-100 works great with a manual?
>
>Make an offer.
>
>Manders2@...
>
>Mike n4maa
>
>
>

501. Re: TW7000

Yahoo group: transworld_radio
Date: 2009-09-13 15:00:47 UTC
From: randy.pierce
Topic: 358 Message: 501

Alex,

I do have a short wish list of accessories I would like to find.
It includes the software and cable needed to connect a pc and program the radio. A manual either printed or pdf.
One other question for you about the mic. If i ordered the mic like you showed me, do I need any additional connectors to attach it to the radio or should it work out of the box as ordered? if i could find just the pin out and a connector to match the radio, It would be nice to have a desk mic for it.

Thanks
Randy

--- In transworld_radio@yahoogroups.com, Alex Rokowetz <belarok@...> wrote:
>
> Randy,
>
> I agree 250 is a bit pricey. The TW7000 works with Shure mics, in particular model number 527B. You can pick them up for around 50 bucks, maybe cheaper on ePay. I use a TW7000 and I think it came straight from Datron with a Shure 527B mic.
>
> Here's a link to a Shure 527B mic being sold at B&H Photo:
http://www.bhphotovideo.com/c/product/68403-REG/Shure_527B_527B_Cardioid_Handheld.html
>
> Are you looking for any other parts/accesories?
>
> Alex
>
>
>
> _____
> From: randy.pierce <randy.pierce@...>
> To: transworld_radio@yahoogroups.com
> Sent: Friday, September 11, 2009 11:55:43 AM
> Subject: [transworld_radio] TW7000
>
>
> I have a transworld tw7000. Does anybody have a good source for parts and accessories for this model? I contacted Datron and a handheld mic is about $250.00. Seems a bit pricey.
>

502. Re: TW7000

Yahoo group: transworld_radio
Date: 2009-09-13 15:03:15 UTC
From: randy.pierce
Topic: 358 Message: 502

Pat,

Unless you had something specific in mind. MFJ makes a really nice Automatic Antenna tuner.

Randy

--- In transworld_radio@yahoogroups.com, "Pasquale Lombardi" <pasquale.nj@...> wrote:
>
> Hi Alex,
> I would like the Automatic Antenna Tuner.
> Or a Power Amp.
> Are they available?
> Thank you,
> Pat in NJ
>
> _____
>
> From: transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com] On Behalf Of dave
> Sent: Friday, September 11, 2009 9:19 PM
> To: transworld_radio@yahoogroups.com
> Subject: Re: [transworld_radio] TW7000
>
>
>
>
> hello pat.
> what is it you need for the 100?
>
> dave
>
>
> Pasquale Lombardi wrote:
>
>
> Hello Alex,
> Do you have parts or accessories for the Transworld TW100 or 100F?
> Thank you,
> Pat in NJ
>
> _____
>
>
>
>
>

>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.409 / Virus Database: 270.13.92/2364 - Release Date: 09/11/09
> 17:51:00
>

503. Re: [transworld_radio] Re: TW7000

Yahoo group: transworld_radio
Date: 2009-09-13 15:07:50 UTC
From: dave
Topic: 358 Message: 503

randy
it takes more then cables and software.
there is a second control board that is needed.
dave

randy.pierce wrote:
> Alex,
>
> I do have a short wish list of accessories I would like to find.
> It includes the software and cable needed to connect a pc and program the radio. A manual either printed or pdf.
> One other question for you about the mic. If i ordered the mic like you showed me, do I need any additional connectors to attach it to the radio or should it work out of the box as ordered? if i could find just the pin out and a connector to match the radio, It would be nice to have a desk mic for it.
>
> Thanks
> Randy
>
>

504. Re: TW7000

Yahoo group: transworld_radio
Date: 2009-09-13 15:31:05 UTC
From: belarok
Topic: 358 Message: 504

Hi Pat,

I don't have an amp or ATU that I can part with. I saw an ATU in A1 top condition on ePay recently that sold for $375. They're around, but you gotta keep your eyes peeled for 'em.

Good luck,

Alex

--- In transworld_radio@yahoogroups.com, "Pasquale Lombardi" <pasquale.nj@...> wrote:
>
> Hi Alex,
> I would like the Automatic Antenna Tuner.
> Or a Power Amp.
> Are they available?
> Thank you,
> Pat in NJ
>
> _____
>
> From: transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com] On Behalf Of dave
> Sent: Friday, September 11, 2009 9:19 PM
> To: transworld_radio@yahoogroups.com
> Subject: Re: [transworld_radio] TW7000
>
>
>
>
> hello pat.
> what is it you need for the 100?
>
> dave
>
>
> Pasquale Lombardi wrote:
>
>
> Hello Alex,
> Do you have parts or accessories for the Transworld TW100 or 100F?
> Thank you,
> Pat in NJ
>
> _____
>
>

>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.409 / Virus Database: 270.13.92/2364 - Release Date: 09/11/09
> 17:51:00
>

505. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-09-13 22:55:08 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 505

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/PF100 Heavy Duty Power Supply - Manual.pdf
Uploaded by : belarok <belarok@...>
Description : PF100 - Heavy Duty Power Supply

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/PF100%20Heavy%20Duty%20Power%20Supply%20-%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

belarok <belarok@...>

506. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-09-13 22:59:04 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 506

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW1000 Linear Amplifier - Manual.pdf
Uploaded by : belarok <belarok@...>
Description : TW1000 - Linear Amplifier

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW1000%20Linear%20Amplifier%20-%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

belarok <belarok@...>

507. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-09-13 23:00:28 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 507

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW5800 Telephone Coupler - Manual.pdf
Uploaded by : belarok <belarok@...>
Description : TW5800 - Telephone Coupler

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW5800%20Telephone%20Coupler%20-%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

belarok <belarok@...>

508. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-09-13 23:02:59 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 508

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW5500 Message Terminal - Operators Manual.pdf
Uploaded by : belarok <belarok@...>
Description : TW5500 - RTTY Message Terminal

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW5500%20Message%20Terminal%20-%20Operators%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

belarok <belarok@...>

509. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-09-13 23:10:39 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 509

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/Harris RF3200 HF SSB Transceiver - Operator Card.pdf
Uploaded by : belarok <belarok@...>
Description : TW100 - Operator Card (Front & Back)

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/Harris%20RF3200%20HF%20SSB%20Transceiver%20-%20Operator%20Card.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

belarok <belarok@...>

510. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-09-13 23:11:41 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 510

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TW5500 - Operator Card.pdf
Uploaded by : belarok <belarok@...>
Description : TW5500 - Operator Card (Front & Back)

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TW5500%20-%20Operator%20Card.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

belarok <belarok@...>

511. Re: TW7000

Yahoo group: transworld_radio
Date: 2009-09-13 23:25:56 UTC
From: belarok
Topic: 358 Message: 511

Randy,

I don't know if you order the 527B from someone other than Datron, if it will work right of the box. Chances are, you'll have to do some work yourself. I suppose that's why Datron can charge $250. The pin assignments for the mic connector on the TW7000 are:

Pin # Description

1 Gnd
2 Rx audio (unmuted)
3 PTT
4 Tx audio
5 CW key line
6 +12 Vdc

As for a desk mic, the TW7000 I use has a Shure 550 desk mic. I think this mic was also supplied with the radio by Datron. These mics have also been sighted on ePay and Shure still has documentation with wiring diagrams for the 550 on their website.

Email me off list about the rest of the items. I may be able to lend a hand with some of it.

Alex
belarok@...

--- In transworld_radio@yahoogroups.com, "randy.pierce" <randy.pierce@...> wrote:
>
> Alex,
>
> I do have a short wish list of accessories I would like to find.
> It includes the software and cable needed to connect a pc and program the radio. A manual either printed or pdf.
> One other question for you about the mic. If i ordered the mic like you showed me, do I need any additional connectors to attach it to the radio or should it work out of the box as ordered? if i could find just the pin out and a connector to match the radio, It would be nice to have a desk mic for it.
>
> Thanks
> Randy
>
> --- In transworld_radio@yahoogroups.com, Alex Rokowetz <belarok@> wrote:
> >
> > Randy,
> >
> > I agree 250 is a bit pricey. The TW7000 works with Shure mics, in particular model number 527B. You can pick them up for around 50 bucks, maybe cheaper on ePay. I use a TW7000 and I think it came straight from Datron with a Shure 527B mic.

> >
> > Here's a link to a Shure 527B mic being sold at B&H Photo:
http://www.bhphotovideo.com/c/product/68403-REG/Shure_527B_527B_Cardioid_Handheld.html
> >
> > Are you looking for any other parts/accesories?
> >
> > Alex
> >
> >
> >
> > _____
> > From: randy.pierce <randy.pierce@>
> > To: transworld_radio@yahoogroups.com
> > Sent: Friday, September 11, 2009 11:55:43 AM
> > Subject: [transworld_radio] TW7000
> >
> >
> > I have a transworld tw7000. Does anybody have a good source for parts and accessories
for this model? I contacted Datron and a handheld mic is about $250.00. Seems a bit pricey.
> >
>

512. TW-100 Questions

Yahoo group: transworld_radio
Date: 2009-09-17 17:43:38 UTC
From: Richard W. Solomon
Topic: 512 Message: 512

I am thinking about buying one of these. Any "gotchas" I should look
for ??
Does the radio have a CW filter ? or do you use the SSB filter (not good).

Thanks for any "heads-up" I may need to look for.

73, Dick, W1KSZ

513. Re: [transworld_radio] TW-100 Questions

Yahoo group: transworld_radio
Date: 2009-09-17 18:01:06 UTC
From: Dennis
Topic: 512 Message: 513

> I am thinking about buying one of these. Any "gotchas" I should look
> for ??

Make sure all the push buttons work. If LSB is important to you, insure that it has an LSB filter.

> Does the radio have a CW filter ? or do you use the SSB filter.
---
no/yes.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

514. TW-100F Mounting Plate

Yahoo group: transworld_radio
Date: 2009-09-23 21:06:58 UTC
From: GeorgeM
Topic: 514 Message: 514

Hello!
I am in need of the lower right hand bracket (plate) that allows the FT-100F to be mounted inside the suitcase via shock absorber. This is nothing more than a piece of aluminum that attaches to the radio unit via two screws at a 45. I just purchased a TW-100F in excellent condition, but the bracket was missing... Can anyone Help me with this issue?

You can email me at gmenes@... if you have the single bracket or a complete set of four.
Thank you.

515. at-7000 pindata...

Yahoo group: transworld_radio
Date: 2009-09-30 03:38:51 UTC
From: ds2aaw
Topic: 515 Message: 515

```
Hi.. everyone.
I have tw-100 anf at-7000
I have tw-100 manual
But I have not at-7000 manual
I dont know at-7000 pin data.
Please at-7000 pin data..
I want use tw-100 and at-7000 mach...
send me ds2aaw@... at-7000 pin code...
goodluck...
```

516. FOUND: TW-100 Mic Connector

Yahoo group: transworld_radio
Date: 2009-10-06 00:24:27 UTC
From: Alex R
Topic: 516 Message: 516

We've had success locating a mic connector for the TW-100.

The connector is manufactured by Switchcraft, manufacturer part number 09CL4M.

http://www.switchcraft.com/products/connectors-36.html

There's a link to distributors available at the top of the page.

I ordered from http://mouser.com, mouser part number 502-09CL4MX. It costs 10.48 USD and works fine with a Shure 444D mic I bought on ePay.

Have fun,

Alex
KC2SIT

517. Wanted TW100 Modules or Parts Radio

Yahoo group: transworld_radio
Date: 2009-10-15 02:53:00 UTC
From: rf5000falcon
Topic: 517 Message: 517

I am looking for modules for the TW100. I need M1, M3 ,M4, M5 and M6 modules.
Might be interested in a non working radio if the price is right.
Dave Panek
KE4MLV
DLPANEK@...

518. TW-100 &100F Keypad is available.

Yahoo group: transworld_radio
Date: 2009-10-15 18:22:48 UTC
From: GeorgeM
Topic: 518 Message: 518

Hi!

For those of you that are interested, The Keypad for the TW-100 series transceivers is available from Grayhill. Check this link out if interested, copy and paste it complete:

http://lgrws01.grayhill.com/web1/templates/dbwizard_static.asp?template=Grayhill%5Flink%2Easp&configurator=dbwizard%5Fstatic%2Easp&responder=Static%5Fresponder1%2Easp&TabProdID=23884&ProductID=38605&SolutionCatID=197&levelID=3&Rank=1

The Grayhill PN is: 83AB1-101 They are available, but you must contact them for the price.

They were also the manufacturer of the Scan button assembly. I will post that part number as soon as I receive it from Datron.

FYI. Telephone calls to Daytron pay up sometimes. I was lucky enough to purchase the last copy of the TW-100f Service manual they had in stock!
It is awesome...More info in that manual than one knows what to do with.

George. 73's

519. TW-100 & 100F Scan Buttons.

Yahoo group: transworld_radio
Date: 2009-10-20 21:16:55 UTC
From: GeorgeM
Topic: 519 Message: 519

Hi!

I haven't been able to get the Grayhill part number for the buttons, but they are available from Datron, they only have a few available. The Pn is:530024-4. You must call Datron Customer Service for the price.

520. Need 5.12 mhz Crystal info for M5 Module

Yahoo group: transworld_radio
Date: 2009-10-28 01:01:24 UTC
From: rf5000falcon
Topic: 520 Message: 520

Looking for the specifications for the 5.120 mhz reference oscillator crystal in the M5 module. Mine has aged so much that it cannot be adjusted into range.

I think it may be no standard since it uses an oven that gets hot.
Mine can be adjusted to 5.120 at room temperature but not with the oven on.
Has anyone had luck replacing theirs?
Dave

521. Re: [transworld_radio] Need 5.12 mhz Crystal info for M5 Module

Yahoo group: transworld_radio
Date: 2009-10-28 02:12:13 UTC
From: dave
Topic: 520 Message: 521

hi dave is this the one i just sent?
try fiddling with the caps in the osc. that may be the problem

dave

rf5000falcon wrote:
> Looking for the specifications for the 5.120 mhz reference oscillator crystal in the M5 module. Mine has aged so much that it cannot be adjusted into range.
>
> I think it may be no standard since it uses an oven that gets hot.
> Mine can be adjusted to 5.120 at room temperature but not with the oven on.
> Has anyone had luck replacing theirs?
> Dave
>
>
>

522. New manual upload. TW-100F

Yahoo group: transworld_radio
Date: 2009-11-02 18:18:06 UTC
From: GeorgeM
Topic: 522 Message: 522

Here is the latest and greatest. Page breaks are due to blank pages and pages marked "intentionally left blank". All others are here.
I had a heck of a time scanning the 11x17 schematics. If I find some one locally that can do it for a reasonable price, I will upload them at a later date...Enjoy!

523. Re: [transworld_radio] New manual upload. TW-100F

Yahoo group: transworld_radio
Date: 2009-11-02 18:33:26 UTC
From: Dennis
Topic: 522 Message: 523

I went to the site & opened the folder.
Nothing is there?

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: GeorgeM <gmenes@...>
> To: transworld_radio@yahoogroups.com
> Sent: Mon, November 2, 2009 12:18:06 PM
> Subject: [transworld_radio] New manual upload. TW-100F
>
> Here is the latest and greatest. Page breaks are due to blank pages and pages
> marked "intentionally left blank". All others are here.
> I had a heck of a time scanning the 11x17 schematics. If I find some one locally
> that can do it for a reasonable price, I will upload them at a later
> date...Enjoy!
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

524. Re: New manual upload. TW-100F

Yahoo group: transworld_radio
Date: 2009-11-02 18:38:51 UTC
From: GeorgeM
Topic: 522 Message: 524

I have to split the PDF. The Server will not accept anything larger than 5.0Mb. My file is 13.0 Mb. Try the download later on today....

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> I went to the site & opened the folder.
> Nothing is there?
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>
> ----- Original Message ----
> > From: GeorgeM <gmenes@...>
> > To: transworld_radio@yahoogroups.com
> > Sent: Mon, November 2, 2009 12:18:06 PM
> > Subject: [transworld_radio] New manual upload. TW-100F
> >
> > Here is the latest and greatest. Page breaks are due to blank pages and pages
> > marked "intentionally left blank". All others are here.
> > I had a heck of a time scanning the 11x17 schematics. If I find some one locally
> > that can do it for a reasonable price, I will upload them at a later
> > date...Enjoy!
> >
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
>

525. TW-100F upload (NOTE)

Yahoo group: transworld_radio
Date: 2009-11-02 18:35:41 UTC
From: GeorgeM
Topic: 525 Message: 525

I'll have to do this upload later on today. The .PDF file I have is 13mb
but the Yahoo server will only accept 5mb files, so I will have to split the document in three. Thanks.

526. Re: [transworld_radio] New manual upload. TW-100F

Yahoo group: transworld_radio
Date: 2009-11-02 18:41:58 UTC
From: dave
Topic: 522 Message: 526

which manualo and where did you put it?

dave

GeorgeM wrote:
> Here is the latest and greatest. Page breaks are due to blank pages and pages marked "intentionally left blank". All others are here.
> I had a heck of a time scanning the 11x17 schematics. If I find some one locally that can do it for a reasonable price, I will upload them at a later date...Enjoy!
>
>

527. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-11-02 22:37:42 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 527

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /TW-100F/TW100F_HFSSB_TechManual 2 of 3.pdf
Uploaded by : georgemenes <gmenes@...>
Description : TW100F_HFSSB_TechManual 2 of 3

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/TW-100F/TW100F_HFSSB_TechManual%202%20of%203.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

georgemenes <gmenes@...>

528. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-11-02 22:38:44 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 528

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /TW-100F/TW100F_HFSSB_TechManual 3 of 3.pdf
Uploaded by : georgemenes <gmenes@...>
Description : TW100F_HFSSB_TechManual 3 of 3

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/TW-100F/TW100F_HFSSB_TechManual%203%20of%203.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

georgemenes <gmenes@...>

529. TW-100F manual has been uloaded.

Yahoo group: transworld_radio
Date: 2009-11-02 22:43:03 UTC
From: GeorgeM
Topic: 529 Message: 529

Look under Files. It is listed in three parts.

530. TW-100F MANUAL

Yahoo group: transworld_radio
Date: 2009-11-02 23:17:03 UTC
From: davidclong
Topic: 530 Message: 530

GEORGEM:

MANY THANKS FOR GOING TO ALL THE TROUBLE TO SCAN THE TW-100F MANUAL!
GREAT JOB!

I HAVE THE TW-100F AT THE ONE WITH THE AUTOMATIC ANTENNA TUNER.
DOES ANYONE HAVE A MANUAL THAT COVERS THE AUTO TUNE MODEL?

KB2LRI
DAVE

531. Re: [transworld_radio] Re: New manual upload. TW-100F

Yahoo group: transworld_radio
Date: 2009-11-03 00:08:51 UTC
From: Edmund F Leavitt
Topic: 522 Message: 531

Many thanks George. I have one that is in need of repairs. I've been procrastinating. Perhaps having more literature will get me off the dime.

****
Edmund Leavitt Ph: 253 582-5034
Ham / MARS / Federal K7EFL / AFA0AH / KPS654
Lakewood, WA USNG: 10TET36292223
****

On Mon, 02 Nov 2009 18:38:51 -0000 "GeorgeM" <gmenes@...> writes:
>
> I have to split the PDF. The Server will not accept anything larger
> than 5.0Mb. My file is 13.0 Mb. Try the download later on today....
>
>

Local Home Contractors
Find top-rated home improvement pros. Free estimates & no obligation!
http://thirdpartyoffers.juno.com/TGL2141/c?cp=dSl7igTEr2njVFaAJK-kLAAAJ1D-sxYBtk3Nct3TSwwt
SzzaAAQAAAAFAAAAAG0SCj8AAAMlAAAAAAAAAAAAAAAAABIYUwAAAAA=

532. Re: [transworld_radio] New manual upload. TW-100F

Yahoo group: transworld_radio
Date: 2009-11-03 08:26:48 UTC
From: Markus Baertschi
Topic: 522 Message: 532

Thanks George,

very nice job. Scanning the double-page schematics is a pain. When I did
the TW100 Tech Manual i faced the same problem. I did scan both half with
my single page scanner and assembled them in a photo-program (GIMP).
At the time my scanning software could not do PDF anyway, so I got TIFF
files for all pages. I used OpenOffice to place each tiff on a page to create
the PDF. The double-page schematics went on a double-wide page. The
PDF-output option of OO did cope nicely with everything.

You could doe something similar, assembe the TIFF's and create a single
PDF with OO with all those schematics. Sort of a schematics-appendix
for the Manual.

Markus

On Mon, Nov 2, 2009 at 7:18 PM, GeorgeM <gmenes@...> wrote:
> Here is the latest and greatest. Page breaks are due to blank pages and pages marked
"intentionally left blank". All others are here.
> I had a heck of a time scanning the 11x17 schematics. If I find some one locally that can
do it for a reasonable price, I will upload them at a later date...Enjoy!

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

533. Re: New manual upload. TW-100F

Yahoo group: transworld_radio
Date: 2009-11-03 13:14:19 UTC
From: GeorgeM
Topic: 522 Message: 533

Markus.

Thanks for the info, It is an excellent suggestion!
I will give it a shot this week end. Once I get them done, I will upload them as a separate file. 73's

Geeorge.
KB5NBV

--- In transworld_radio@yahoogroups.com, Markus Baertschi <markus@...> wrote:
>
> Thanks George,
>
> very nice job. Scanning the double-page schematics is a pain. When I did
> the TW100 Tech Manual i faced the same problem. I did scan both half with
> my single page scanner and assembled them in a photo-program (GIMP).
> At the time my scanning software could not do PDF anyway, so I got TIFF
> files for all pages. I used OpenOffice to place each tiff on a page to create
> the PDF. The double-page schematics went on a double-wide page. The
> PDF-output option of OO did cope nicely with everything.
>
> You could doe something similar, assembe the TIFF's and create a single
> PDF with OO with all those schematics. Sort of a schematics-appendix
> for the Manual.
>
> Markus
>
> On Mon, Nov 2, 2009 at 7:18 PM, GeorgeM <gmenes@...> wrote:
> > Here is the latest and greatest. Page breaks are due to blank pages and pages marked "intentionally left blank". All others are here.
> > I had a heck of a time scanning the 11x17 schematics. If I find some one locally that can do it for a reasonable price, I will upload them at a later date...Enjoy!
>
> --
> Markus Baertschi Phone: ++41 (21) 807 1677
> Bas du RossÃ© 16 Fax : ++41 (21) 807 1678
> CH-1163, Etoy Email: markus@...
> Switzerland Homepage: www.markus.org
>

534. Re: Need 5.12 mhz Crystal info for M5 Module

Yahoo group: transworld_radio
Date: 2009-11-06 17:14:48 UTC
From: rf5000falcon
Topic: 520 Message: 534

I got the crystal into range by changing out c33 and c34 with 20 and 10 pf caps. 14 cents total investment.
Thanks

--- In transworld_radio@yahoogroups.com, dave <oldbeeman@...> wrote:
>
> hi dave is this the one i just sent?
> try fiddling with the caps in the osc. that may be the problem
>
> dave
>
>
>
> rf5000falcon wrote:
> > Looking for the specifications for the 5.120 mhz reference oscillator crystal in the M5 module. Mine has aged so much that it cannot be adjusted into range.
> >
> > I think it may be no standard since it uses an oven that gets hot.
> > Mine can be adjusted to 5.120 at room temperature but not with the oven on.
> > Has anyone had luck replacing theirs?
> > Dave
> >
> >
> >
>

535. Wanted Module screws 6-32 x 3 inch

Yahoo group: transworld_radio
Date: 2009-11-07 00:26:58 UTC
From: rf5000falcon
Topic: 535 Message: 535

I am looking for 4 of the stainless steel module screws used in the tw100f. They are 3inches by 6-32.
Thanks
Dave

536. Manual for TW100 Portable Power Pack

Yahoo group: transworld_radio
Date: 2009-11-08 00:56:55 UTC
From: rf5000falcon
Topic: 536 Message: 536

Anyone have a copy?

537. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2009-11-08 01:13:03 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 537

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/TWPP Portable Power Source - Operator and Technical Manual.pdf
Uploaded by : belarok <belarok@...>
Description : TWPP Portable Power Source - Operator and Technical Manual

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/Docs/TWPP%20Portable%20Power%20Source
%20-%20Operator%20and%20Technical%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

belarok <belarok@...>

538. TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2009-11-11 03:47:45 UTC
From: n9pse
Topic: 538 Message: 538

Hi All;

As a former AF weather officer, the TW-100F was part of our deployment equipment for sending/receiving weather data (in the days before satcom). I've since acquired one of these and hope to get it fully operational.

When trying to power it up, it would blow the AC fuse. Not having any formal training (sort of self taught), my first guess was a bad filter cap. Opened the case, and disconnected the transformer secondaries to measure voltage. Still blew the fuse. Replaced the fuse with a slow-blow (lower current) in hopes to see any voltage off the secondary. Before the meter could stabilize, a bit of smoke from the transformer before the fuse blew again. Thus, I think I've got a bad transformer (shorted primary). Nearly zero resistance across the primary seems to support this (should've done this first, before getting smoked -- another "self taught" lesson).

So, I guess the question is "where do I get a replacement transformer?" I've downloaded the TW-100F service manual (MANY thanks for posting this) and see that it's a 14.5V output. Although I'd prefer to replace with original parts, is there a suitable substitute?

As an aside, I was able to determine the pin-outs for the DC in and rigged a connector. Using relatively low current to start off (from a 12v gel cell), was able to power up and receive FB. Then transferred to my main power supply and had a few nice QSOs on 80m using my G5RV -- getting great signal reports all around. So, at least the radio part of the unit seems to be working (will have to put a meter on it to measure RF power out, but seemed to be about 100+ watts based on current draw).

Thanks for the great info y'all have posted -- I hope to be able to contribute more once I get up and running.

Ah, the memories ...

73
de N9PSE (Mark)

539. Re: [transworld_radio] TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2009-11-11 04:35:32 UTC
From: dave
Topic: 538 Message: 539

hi mark.

did you check the voltage setting switch to see that it was set for 115v instead of 220v?

dave k7da

n9pse wrote:
> Hi All;
>
> As a former AF weather officer, the TW-100F was part of our deployment equipment for sending/receiving weather data (in the days before satcom). I've since acquired one of these and hope to get it fully operational.
>
> When trying to power it up, it would blow the AC fuse. Not having any formal training (sort of self taught), my first guess was a bad filter cap. Opened the case, and disconnected the transformer secondaries to measure voltage. Still blew the fuse. Replaced the fuse with a slow-blow (lower current) in hopes to see any voltage off the secondary. Before the meter could stabilize, a bit of smoke from the transformer before the fuse blew again. Thus, I think I've got a bad transformer (shorted primary). Nearly zero resistance across the primary seems to support this (should've done this first, before getting smoked -- another "self taught" lesson).
>
> So, I guess the question is "where do I get a replacement transformer?" I've downloaded the TW-100F service manual (MANY thanks for posting this) and see that it's a 14.5V output. Although I'd prefer to replace with original parts, is there a suitable substitute?

540. RE: [transworld_radio] TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2009-11-11 04:49:42 UTC
From: Mark Clausen
Topic: 538 Message: 540

Hi Dave;

Sure did... set to 115V. Even with the switch set to 230, still shouldn't blow the fuse -- the PS output would be low (in fact, the manual suggests setting the switch to 230 when the voltage is unknown, then moving down if the radio is under-powered). Still, with the secondary completely disconnected, I still get the problem. It certainly shouldn't make the transformer smoke...

I now have the transformer completely removed from the unit and get nearly zero resistance across the primary (should have at least a few ohms, I'd think). So, I'm beginning to suspect a bad transformer (perhaps someone tried powering it with 230V when it was set to 115?).

The problem is now trying to find a suitable replacement -- not sure where (or how) to look. Any suggestions would be welcome...

Thanks!

Mark

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of dave
Sent: Tuesday, November 10, 2009 11:36 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW-100F Power Supply Issues

hi mark.

did you check the voltage setting switch to see that it was set for 115v instead of 220v?

dave k7da

n9pse wrote:
> Hi All;
>
> As a former AF weather officer, the TW-100F was part of our deployment equipment for sending/receiving weather data (in the days before satcom). I've since acquired one of these and hope to get it fully operational.
>
> When trying to power it up, it would blow the AC fuse. Not having any formal training (sort of self taught), my first guess was a bad filter cap. Opened the case, and disconnected the transformer secondaries to measure voltage. Still blew the fuse. Replaced the fuse with a slow-blow (lower current) in hopes to see any voltage off the secondary. Before the meter

could stabilize, a bit of smoke from the transformer before the fuse blew again. Thus, I think I've got a bad transformer (shorted primary). Nearly zero resistance across the primary seems to support this (should've done this first, before getting smoked -- another "self taught" lesson).
>
> So, I guess the question is "where do I get a replacement transformer?" I've downloaded the TW-100F service manual (MANY thanks for posting this) and see that it's a 14.5V output. Although I'd prefer to replace with original parts, is there a suitable substitute?

541. TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2009-11-11 13:37:14 UTC
From: Joe Munson
Topic: 538 Message: 541

Hi Mark,

Next time your going to check out a unknown power transformer problem, hook up a light bulb in series with the primary. As a kid back in the late 50's and getting many old TV sets to rip up for parts, we could figure out unknown transformers with this trick. Maybe all the wires were black, but by putting a lightbulb in series, 100 watt worked great, we could trace out the windings with no smoke. If ou started with a filiment winding, bright light.

Joe Munson
WA4VAG

542. Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2009-11-11 14:16:21 UTC
From: n9pse
Topic: 538 Message: 542

Joe,

Thanks for the tip! I had also seen this while poking around the web AFTER smoking the transformer -- one of the problems with being self-taught, I guess, hi. But I don't feel too bad since the transformer was already toasted before I got the rig.

Now my problem is finding a suitable replacement transformer. Have had very little luck shopping around the web. The usual suspects (All Electronics, Mouser, Digikey, etc.) don't have anything remotely close. If I could get to some surplus place and poke through the shelves, I'll bet I could find a close enough match, but this is tough to do on line. The biggest problem is finding suppliers that have such things -- seems most transformers sold are these dinky things to be mounted on PC boards, nothing really beefy enough to supply ~20 amps. Any thoughts?

On the plus side, had a few more QSOs with the rig (using my 12V ham PS) -- all getting nice reports on the signal strength and audio. Now to find some of those mil-spec connectors ... (I've seen the earlier postings on these and will have to investigate -- thanks again to the posters!)

--- In transworld_radio@yahoogroups.com, "Joe Munson" <prc74b@...> wrote:
>
> Hi Mark,
>
> Next time your going to check out a unknown power transformer problem, hook up a light bulb in series with the primary. As a kid back in the late 50's and getting many old TV sets to rip up for parts, we could figure out unknown transformers with this trick. Maybe all the wires were black, but by putting a lightbulb in series, 100 watt worked great, we could trace out the windings with no smoke. If ou started with a filiment winding, bright light.
>
> Joe Munson
> WA4VAG
>

543. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2009-11-11 14:53:49 UTC
From: Markus Baertschi
Topic: 538 Message: 543

Hi Mark,

Finding a fitting transformer might not be easy. But you can use any external 12V HAM/CB power supply. Not as elegant as the internal power supply, but you'll find one easier and at lower cost.

Markus

On Wed, Nov 11, 2009 at 3:16 PM, n9pse <n9pse@...> wrote:
> Joe,
>
> Thanks for the tip! I had also seen this while poking around the web AFTER smoking the transformer -- one of the problems with being self-taught, I guess, hi. But I don't feel too bad since the transformer was already toasted before I got the rig.
>
> Now my problem is finding a suitable replacement transformer. Have had very little luck shopping around the web. The usual suspects (All Electronics, Mouser, Digikey, etc.) don't have anything remotely close. If I could get to some surplus place and poke through the shelves, I'll bet I could find a close enough match, but this is tough to do on line. The biggest problem is finding suppliers that have such things -- seems most transformers sold are these dinky things to be mounted on PC boards, nothing really beefy enough to supply ~20 amps. Any thoughts?
>
> On the plus side, had a few more QSOs with the rig (using my 12V ham PS) -- all getting nice reports on the signal strength and audio. Now to find some of those mil-spec connectors ... (I've seen the earlier postings on these and will have to investigate -- thanks again to the posters!)
>
>
> --- In transworld_radio@yahoogroups.com, "Joe Munson" <prc74b@...> wrote:
>>
>> Hi Mark,
>>
>> Next time your going to check out a unknown power transformer problem, hook up a light bulb in series with the primary. As a kid back in the late 50's and getting many old TV sets to rip up for parts, we could figure out unknown transformers with this trick. Maybe all the wires were black, but by putting a lightbulb in series, 100 watt worked great, we could trace out the windings with no smoke. If ou started with a filiment winding, bright light.
>>
>> Joe Munson
>> WA4VAG
>>
>
>
>

>
> ---
>
> Yahoo! Groups Links
>
>
>
>

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

544. Potential Parts Source?

Yahoo group: transworld_radio
Date: 2009-11-12 15:32:37 UTC
From: n9pse
Topic: 544 Message: 544

All;

While searching for a transformer for my TW100F, I came across WB Parts at http://www.wbparts.com. They have a good search capability to enter the NSN from the tech manual and provide cross reference number(s). I did a quick check of some random parts listed in the tech manual -- more often than not, a suitable cross reference can be found. The cross-referenced numbers may also result in additional results in a google search.

WB also sells parts, but I have not yet heard back on my request for a quote -- so I can't yet comment on parts availability, cost, etc.

Hope this helps... Will let you know the results of my request and if I get a replacement.

Cheers!

Mark

545. TW-500A output transistors?

Yahoo group: transworld_radio
Date: 2009-11-23 18:56:09 UTC
From: Dennis
Topic: 545 Message: 545

I recently got ripped off pretty good by a couple Hams in Florida on a TW-500A amp(names & calls given on request). Some of you may have seen it on ebay. The high bid(which was me) didn't bring the reserve. I contacted the seller after the auction ended & bought the item directly(don't ever do that).

Anyway, when the amp arrived I plugged it in and turned it on to notice that it had an idling current of almost 10 amps according to it's front panel meter. If left on for very long the transistors would get hot . I opened it up to check the bias & found that it was too high, & that it could not be turn down low enough. Even when the bias supply was completely unhooked I had voltage on the base of each transistor. After further investigation I found that at least one pair of RF/PA transistors was leaky & feeding this voltage through to all the other transistors in the amp. Oddly enough, this amp would still put out 600watts with less than 50 watts drive under this condition, though who knows for how long.

I contacted the seller who in effect told me he knew about a bias problem & had corrected it & spouted AS-IS as his sale terms(which was never mentioned until after the sale).

Unlike it's higher powered cousins this amp uses 12vdc devices. I know that the early version used MRF-454's, this amp however uses transistors that are marked with a stylish ST(manufacturer's logo?), and the part number 310071 follow by a 9128(I think used for matching purposes). I have found this number listed in several places on the internet but no reference to it's maker, specs, or availability. I have contacted RFparts they have no listing for it either. Can anybody tell me what this device is, what it's specs are, who made it & where can I purchase replacements?

As with most, if not all Transworld amps, this one was built by Metron. Any help you can provide would be very much appreciated.

Thanks

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

546. Re: [transworld_radio] TW-500A output transistors? ebay seller & item

Yahoo group: transworld_radio
Date: 2009-11-23 19:31:07 UTC
From: Dennis
Topic: 545 Message: 546

FYI the ebay item number & seller ID.
Ebay seller ID w5bw
Ebay item number was 120487468067

Dennis Starks
Military-Radio- Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

547. Re: TW-500A output transistors?

Yahoo group: transworld_radio
Date: 2009-11-24 00:05:14 UTC
From: rf5000falcon
Topic: 545 Message: 547

The 12 volt version is SGS Thomson SD1405 and the 28 volt version is the SD1407.
The number on yours -310071- is the transworld part number and is the 12 volt SD1405 or MRF 454 equivilant.
Dave

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> I recently got ripped off pretty good by a couple Hams in Florida on a TW-500A amp(names & calls given on request). Some of you may have seen it on ebay. The high bid(which was me) didn't bring the reserve. I contacted the seller after the auction ended & bought the item directly(don't ever do that).
>
> Anyway, when the amp arrived I plugged it in and turned it on to notice that it had an idling current of almost 10 amps according to it's front panel meter. If left on for very long the transistors would get hot . I opened it up to check the bias & found that it was too high, & that it could not be turn down low enough. Even when the bias supply was completely unhooked I had voltage on the base of each transistor. After further investigation I found that at least one pair of RF/PA transistors was leaky & feeding this voltage through to all the other transistors in the amp. Oddly enough, this amp would still put out 600watts with less than 50 watts drive under this condition, though who knows for how long.
>
> I contacted the seller who in effect told me he knew about a bias problem & had corrected it & spouted AS-IS as his sale terms(which was never mentioned until after the sale).
>
> Unlike it's higher powered cousins this amp uses 12vdc devices. I know that the early version used MRF-454's, this amp however uses transistors that are marked with a stylish ST(manufacturer's logo?), and the part number 310071 follow by a 9128(I think used for matching purposes). I have found this number listed in several places on the internet but no reference to it's maker, specs, or availability. I have contacted RFparts they have no listing for it either. Can anybody tell me what this device is, what it's specs are, who made it & where can I purchase replacements?
>
> As with most, if not all Transworld amps, this one was built by Metron. Any help you can provide would be very much appreciated.
>
> Thanks
>
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>

548. Re: [transworld_radio] TW-500A output transistors?

Yahoo group: transworld_radio
Date: 2009-11-24 00:30:43 UTC
From: Joseph Pinner
Topic: 545 Message: 548

Denis,

If you find out anything, I would like to know as well.

----- Original Message -----
From: "Dennis" <spike.dennis@...>
To: <transworld_radio@yahoogroups.com>
Sent: Monday, November 23, 2009 1:56 PM
Subject: [transworld_radio] TW-500A output transistors?

>I recently got ripped off pretty good by a couple Hams in Florida on a
>TW-500A amp(names & calls given on request). Some of you may have seen it
>on ebay. The high bid(which was me) didn't bring the reserve. I contacted
>the seller after the auction ended & bought the item directly(don't ever do
>that).
>
> Anyway, when the amp arrived I plugged it in and turned it on to notice
> that it had an idling current of almost 10 amps according to it's front
> panel meter. If left on for very long the transistors would get hot . I
> opened it up to check the bias & found that it was too high, & that it
> could not be turn down low enough. Even when the bias supply was
> completely unhooked I had voltage on the base of each transistor. After
> further investigation I found that at least one pair of RF/PA transistors
> was leaky & feeding this voltage through to all the other transistors in
> the amp. Oddly enough, this amp would still put out 600watts with less
> than 50 watts drive under this condition, though who knows for how long.
>
> I contacted the seller who in effect told me he knew about a bias problem
> & had corrected it & spouted AS-IS as his sale terms(which was never
> mentioned until after the sale).
>
> Unlike it's higher powered cousins this amp uses 12vdc devices. I know
> that the early version used MRF-454's, this amp however uses transistors
> that are marked with a stylish ST(manufacturer's logo?), and the part
> number 310071 follow by a 9128(I think used for matching purposes). I have
> found this number listed in several places on the internet but no
> reference to it's maker, specs, or availability. I have contacted RFparts
> they have no listing for it either. Can anybody tell me what this device
> is, what it's specs are, who made it & where can I purchase replacements?
>
> As with most, if not all Transworld amps, this one was built by Metron.
> Any help you can provide would be very much appreciated.
>
> Thanks
>
>

> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>

549. TW100 noise blanker module

Yahoo group: transworld_radio
Date: 2009-12-02 16:50:12 UTC
From: wctaylor
Topic: 549 Message: 549

I don't remember if I've asked this before, but does anyone know how or where I can get the noise blanker module for a TW100? If one is available and too expense I'd like to get one.

Thanks
Bill Taylor
KD4LXC
AAR6OB

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http://thirdpartyoffers.juno.com/TGL2141/c?cp=nrdwoOlYh7b3dcINCEHHnQAAJ1D-sxYBtk3Nct3TSwwt
SzzaAAYAAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAAXQgAAAAA=

550. Re: [transworld_radio] TW100 noise blanker module

Yahoo group: transworld_radio
Date: 2009-12-02 17:09:41 UTC
From: Dennis
Topic: 549 Message: 550

> I don't remember if I've asked this before, but does anyone know how or
> where I can get the noise blanker module for a TW100?

Yes the question has been asked.
When/if you ever find any I'll be very happy to jump in the VERY long line to get several!

I have 5ea TW100 & one TW100F in operation most of the time. I correspond regularly with other TW100 users. None of us has ever seen a Noise blanker.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

551. need mic or mic plug for TW-100

Yahoo group: transworld_radio
Date: 2009-12-03 01:54:06 UTC
From: CA3SOC Raul Romero
Topic: 551 Message: 551

any help need one mic or original plug mic

my radio not have mic any sell ?

tnx
Raul
CA3SOC
CHILE

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There is a solution!"

Protected by GIANT Company's Spam Inspector
The most powerful anti-spam software available.
http://mail.spaminspector.com

----- Original Message -----
From: wctaylor
To: transworld_radio@yahoogroups.com
Sent: Wednesday, December 02, 2009 1:50 PM
Subject: [transworld_radio] TW100 noise blanker module

I don't remember if I've asked this before, but does anyone know how or
where I can get the noise blanker module for a TW100? If one is available
and too expense I'd like to get one.

Thanks
Bill Taylor
KD4LXC
AAR6OB

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Click here for great quotes from top international movers!
http://thirdpartyoffers.juno.com/TGL2141/c?cp=nrdwoOlYh7b3dcINCEHHnQAAJ1D-sxYBtk3Nct3TSwwt
SzzaAAYAAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAXQgAAAAA=

552. Re: TW100 noise blanker module

Yahoo group: transworld_radio
Date: 2009-12-09 03:03:58 UTC
From: rf5000falcon
Topic: 549 Message: 552

About 12 years ago I rebuilt about 15 Tw100 and Rt100MP's. Of those about 4 had noise blanker modules. It worked for impulse type noise in a vehicle installation but for a base station use didn't make much difference.

The 1st RT100MP I had was in 1994 and was a 1992 built Transworld sales sample. It had all of the options.
The coolest option was the Transcall/ Selcal; which was super easy to use unlike 1045 ALE.

High stability option is real nice.

Remote control option with the control head was real finicky and not reliable. Sometimes it would change channel. Sometimes it wouldn't.

RT9000 Datacom terminal worked well but is real big by today's standards.

PRC selcall was a standalone box that could hook to a non Selcall equipped radio.
Worked but clumsy.

73
Dave
KE4MLV

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> > I don't remember if I've asked this before, but does anyone know how or
> > where I can get the noise blanker module for a TW100?
> ---
> Yes the question has been asked.
> When/if you ever find any I'll be very happy to jump in the VERY long line to get several!
>
> I have 5ea TW100 & one TW100F in operation most of the time. I correspond regularly with other TW100 users. None of us has ever seen a Noise blanker.
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>

553. Receciving below 1600KHz (555KHz)

Yahoo group: transworld_radio
Date: 2009-12-19 17:46:59 UTC
From: v44kai@caribsurf.com
Topic: 553 Message: 553

good day to all,

Can some tell how to get below 1600KHz? is there a mod, or programming issue to do this? I will really like to listen to my local AM stations on 555KHz, and 895KHz, my TW-100 dosn't go pass 1600 KHz.

I will appreciate any help, thanks in advanced.

v44kai.....Joel.

554. What tuner do you use?

Yahoo group: transworld_radio
Date: 2009-12-27 00:34:47 UTC
From: cr_anton
Topic: 554 Message: 554

I've got a lovely TW100 which I'd like to put on the air but the matching AT-100 tuner appears to be a little scarcer than hen's teeth. I was wondering what auto tuners any of you list members might be using with your TW100's. I have an SGC230 and a SGC239 which I thought might be suitable but I'd sure like to hear what your experience has been.

Chris
VE7TOP

555. Re: [transworld_radio] What tuner do you use?

Yahoo group: transworld_radio
Date: 2009-12-27 01:57:03 UTC
From: Dennis
Topic: 554 Message: 555

The SG-230 will work fine. The 239 is a waist of time. Many other auto tuners will also work. I use a couple SEA, & a LDG. Use the AM mode for tuning when need be.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: cr_anton <canton@...>
> To: transworld_radio@yahoogroups.com
> Sent: Sat, December 26, 2009 6:34:47 PM
> Subject: [transworld_radio] What tuner do you use?
>
> I've got a lovely TW100 which I'd like to put on the air but the matching AT-100
> tuner appears to be a little scarcer than hen's teeth. I was wondering what
> auto tuners any of you list members might be using with your TW100's. I have an
> SGC230 and a SGC239 which I thought might be suitable but I'd sure like to hear
> what your experience has been.
>
> Chris
> VE7TOP
>
>
>
> ------------------------------------
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> Yahoo! Groups Links
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556. Re: [transworld_radio] What tuner do you use?

Yahoo group: transworld_radio
Date: 2009-12-27 02:16:04 UTC
From: dave
Topic: 554 Message: 556

i've used my sg230 with my tw100 for about four yrs and it works great.
dave k7da

cr_anton wrote:
> I've got a lovely TW100 which I'd like to put on the air but the matching AT-100 tuner appears to be a little scarcer than hen's teeth. I was wondering what auto tuners any of you list members might be using with your TW100's. I have an SGC230 and a SGC239 which I thought might be suitable but I'd sure like to hear what your experience has been.
>
> Chris
> VE7TOP
>
>

557. Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-21 03:41:39 UTC
From: n9pse
Topic: 538 Message: 557

All;

Thanks for your help/inputs/insight to date... And for posting the tech manuals.

An update on my TW-100F. I finally got a replacement power transformer from Datron! They had a replacement part (probably electrically equivalent), but it was too big to fit inside the case. One of their techs found a used original transformer on a shelf. I got the part a couple of days ago and installed it (matching the wires removed from the failed transformer).

It passed the smoke test with a 1A fuse (just to be safe), so I put the covers back on; then listened for an hour or so to a nicely operating radio (while working on other projects).

I finally got a chance to test out on transmit this evening. Getting into a round table, I had a few exchanges -- seemed to work OK. Then, the radio died on me. Since I still had a lower current than spec fuse (I forgot to replace it with the correct fuse I used for the smoke test), I replaced it with the correct 3A fuse. Just a few minutes of receive and THAT fuse blew too. I opened the case and found the transformer to be warm. AC output from the transformer was 16.5 volts vs. the 14.5 specified in the tech manual (is this "close enough"?)

Any thoughts on what's happening or how I can dig further into this? Is there some problem in the internal power supply that is causing this? Is it possible that is what led to the original transformer failure? Or is it possible that the primaries are wired incorrectly (since I used the original transformer as my guide to re-installing)? I'm scratching my head on this one; I thought I had this licked, but... The tech manual doesn't indicate correct wiring for the transformer primaries -- in fact I'm not quite sure how to interpret the AC inputs to T1 in Figure 10.8-2.

Any help that y'all might provide would be greatly appreciated! Again, thanks for your help so far...

Cheers!

558. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-21 04:12:25 UTC
From: Dennis
Topic: 538 Message: 558

```
> 16.5 volts vs. the 14.5 specified in the tech manual (is this "close enough"?)
------------------------
If that's the no load voltage, yes.

> Any thoughts on what's happening or how I can dig further into this?
------------------------
Bad bridge rectifier, bad filter cap, bad regulator board, bad RF PA transistor.

> some problem in the internal power supply that is causing this?
------------------------
Possibly.

Is it possible
> that is what led to the original transformer failure?
------------------------
Yes.

Or is it possible that
> the primaries are wired incorrectly (since I used the original transformer as my
> guide to re-installing)
-------------------------
Doubtful assuming that the original transformer was factory wired & operational at least at
one time.

I would check the current being drawn between the PA board & the power supply, then the
regulator board & transceiver.
The PA board is supplied unregulated DC directly off the filter cap.

Good luck

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5
```

559. Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-21 04:16:04 UTC
From: n9pse
Topic: 538 Message: 559

Some additional info...

With the transformer output disconnected from the rectifier, voltage is ~16.9V, and current drawn is 0.25A.

When re-connected and in receive with squelch closed, current at the AC input is 4.2A before the fuse blows.

According to the troubleshooting chart (Table 10.8-3 on pg. 10.8.2), there is an entry in the Problem column for "High Current" with the symptom of Q11 base high. The "Cure" states "Input Voltage at Q10," "Emitter sagging," and "Q10 beta low."

I'm not sure what these indicate, but could it be that one or more components on the PS board are bad? Also, there seems to be a missing page in the file (jumps from pg 10.8-2 to 10.8-4). Hopefully this isn't something I might need.

Sorry to be a pain... but I am learning!

Cheers and Thanks!

560. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-21 06:37:00 UTC
From: Markus Baertschi
Topic: 538 Message: 560

On Thu, Jan 21, 2010 at 5:16 AM, n9pse <n9pse@...> wrote:
> Some additional info...
>
> With the transformer output disconnected from the rectifier, voltage is ~16.9V, and current drawn is 0.25A.
>
> When re-connected and in receive with squelch closed, current at the AC input is 4.2A before the fuse blows.
4.2A at 110V is 450W. That's way too much for receive. I guess it
should be below 50W.
I would start by reconnecting the transformator to the power supply,
but disconnect the PA.
Still high current -> power supply broken, Current low -> PA broken.

> According to the troubleshooting chart (Table 10.8-3 on pg. 10.8.2), there is an entry in the Problem column for "High Current" with the symptom of Q11 base high. The "Cure" states "Input Voltage at Q10," "Emitter sagging," and "Q10 beta low."

> I'm not sure what these indicate, but could it be that one or more components on the PS board are bad?
Yes.

> Also, there seems to be a missing page in the file (jumps from pg 10.8-2 to 10.8-4).
 Hopefully this isn't something I might need.
There were a bunch of pages 'this page intentionally left blank' which
I left out when scanning.

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

561. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-21 16:17:51 UTC
From: Edmund F Leavitt
Topic: 538 Message: 561

Just out of curiosity have you looked for a short somewhere across the DC power input? I recall getting a small surprise when I was running on DC, disconnected from my DC source but unwisely left the DC cable attached to the radio. After powering up on AC I moved something and the + & - gator clips on the DC cable tried to weld themselves together.

Initially I thought they might have designed a trickle charge feature but found both the voltage & current available on the DC INPUT was excessive. Can't recall if my mishap took out any fuses but I suspect that it did.

****
Edmund Leavitt Ph: 253 582-5034
Ham / MARS / Federal K7EFL / AFA0AH / KPS654
Lakewood, WA USNG: 10TET36292223
****

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SzzaAAYAAAAAAAAAAAAAAAAAAADNAAAAAAAAAAAAAAAAAAAXeAAAAAA=

562. Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-21 19:06:45 UTC
From: n9pse
Topic: 538 Message: 562

All;

Thanks for the suggestions. I'm pretty sure it's not a short across the DC inputs. I ran it on DC this morning just to measure the current on receive. Even before turning it on, it was drawing more than 2A from the battery -- this seemed odd until I noticed from the schematic that the DC inputs are not disconnected from the PS or PA when the rig is turned off. 2.5A or so turned on.

Thus, it seems like I have some problems to trace out. I'm going to try taking power inputs off the PA first. I'm getting a bad feeling that will be the problem. If not, my next guess would be the filter cap(s). Finally the PS. Still, it's a great learning experience.

Thanks for all the help!

563. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-21 23:14:24 UTC
From: dave
Topic: 538 Message: 563

if you find the transistors are bad they are available still. but not
from datron

dave k7da

n9pse wrote:
> All;
>
> Thanks for the suggestions. I'm pretty sure it's not a short across the DC inputs. I ran it on DC this morning just to measure the current on receive. Even before turning it on, it was drawing more than 2A from the battery -- this seemed odd until I noticed from the schematic that the DC inputs are not disconnected from the PS or PA when the rig is turned off. 2.5A or so turned on.
>
> Thus, it seems like I have some problems to trace out. I'm going to try taking power inputs off the PA first. I'm getting a bad feeling that will be the problem. If not, my next guess would be the filter cap(s). Finally the PS. Still, it's a great learning experience.
>
> Thanks for all the help!
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> Yahoo! Groups Links
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.432 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 07:34:00
>
>

564. Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 01:14:37 UTC
From: n9pse
Topic: 538 Message: 564

Disconnected the unregulated DC input to the PA. No unusual current at this point. As I was beginning to suspect, no current with the power off, less than 1A on receive.

So, sounds like a bad PA. If I read the schematic right, it seems the only DC circuit is through Q3 and Q4. Will continue to read up in the tech manual to try to understand what further steps are needed to further diagnose. Of course, any insights would be appreciated.

Thanks!

565. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 01:44:40 UTC
From: Dennis
Topic: 538 Message: 565

You will most likely need to replace the two RF PA transistors.
Try RF Parts, they don't cost very much.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: n9pse <n9pse@...>
> To: transworld_radio@yahoogroups.com
> Sent: Thu, January 21, 2010 7:14:37 PM
> Subject: [transworld_radio] Re: TW-100F Power Supply Issues
>
> Disconnected the unregulated DC input to the PA. No unusual current at this
> point. As I was beginning to suspect, no current with the power off, less than
> 1A on receive.
>
> So, sounds like a bad PA. If I read the schematic right, it seems the only DC
> circuit is through Q3 and Q4. Will continue to read up in the tech manual to
> try to understand what further steps are needed to further diagnose. Of course,
> any insights would be appreciated.
>
> Thanks!
>
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> Yahoo! Groups Links
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566. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 03:20:07 UTC
From: dave
Topic: 538 Message: 566

the part number is sd1487 and i found a set at J. Birkett in Lincoln.
England
he will only take orders by mail. He wanted 25 GBP. or about $41 for
3 pair
if you talk to datron they have a replacement for about $57 each.

look up birkett's website on google. it only gives the address and phone no.
give him a call for prices they are 5-8hr ahead of us in the states.
but you will still have to send the money first.

rf parts has a replacement but at $45 each...

got mine in about three weeks.

dave

Dennis wrote:
> You will most likely need to replace the two RF PA transistors.
> Try RF Parts, they don't cost very much.
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>
> ----- Original Message ----
>
>> From: n9pse<n9pse@...>
>> To: transworld_radio@yahoogroups.com
>> Sent: Thu, January 21, 2010 7:14:37 PM
>> Subject: [transworld_radio] Re: TW-100F Power Supply Issues
>>
>> Disconnected the unregulated DC input to the PA. No unusual current at this
>> point. As I was beginning to suspect, no current with the power off, less than
>> 1A on receive.
>>
>> So, sounds like a bad PA. If I read the schematic right, it seems the only DC
>> circuit is through Q3 and Q4. Will continue to read up in the tech manual to
>> try to understand what further steps are needed to further diagnose. Of course,
>> any insights would be appreciated.
>>
>> Thanks!
>>

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> Yahoo! Groups Links
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> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.432 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 07:34:00
>
>

567. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 03:32:27 UTC
From: Dennis
Topic: 538 Message: 567

They should be ordered as matched pair if at all possible. Never replace only one device of a pair.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: dave <oldbeeman@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thu, January 21, 2010 9:20:07 PM
>Subject: Re: [transworld_radio] Re: TW-100F Power Supply Issues
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>
>the part number is sd1487 and i found a set at J. Birkett in Lincoln.
>England
>>he will only take orders by mail. He wanted 25 GBP. or about $41
>for 3 pair
>>if you talk to datron they have a replacement for about $57 each.
>
>>look up birkett's website on google. it only gives the address and
>phone no.
>>give him a call for prices they are 5-8hr ahead of us in the states.
>> but you will still have to send the money first.
>
>>rf parts has a replacement but at $45 each...
>
>>got mine in about three weeks.

>
>>dave
>
>
>
>>Dennis wrote:
>
>You will most likely need to replace the two RF PA transistors.
>>Try RF Parts, they don't cost very much.
>>
>> Dennis Starks
>>Military-Radio-Guy
>>KB0SFP
>>Monitor(all USB):
>>3996, 5403.5, 7296, 14342.5, 18157.5
>>
>>
>>
>>----- Original Message ----
>>
>>From: n9pse <n9pse@...>
>>>To: transworld_radio@yahoogroups.com
>>>Sent: Thu, January 21, 2010 7:14:37 PM
>>>Subject: [transworld_radio] Re: TW-100F Power Supply Issues
>>>
>>>Disconnected the unregulated DC input to the PA. No unusual current at this
>>>point. As I was beginning to suspect, no current with the power off, less than
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>>>
>>>So, sounds like a bad PA. If I read the schematic right, it seems the only DC
>>>circuit is through Q3 and Q4. Will continue to read up in the tech manual to
>>>try to understand what further steps are needed to further diagnose. Of course,
>>>any insights would be appreciated.
>>>
>>>Thanks!
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>>Yahoo! Groups Links
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>>No virus found in this incoming message.
>>Checked by AVG - www.avg.com
>>Version: 8.5.432 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 07:34:00
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568. Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 03:35:47 UTC
From: n9pse
Topic: 538 Message: 568

Thanks for the info. Is that $41 total for 3 pair or each??? Sounds like a good deal if it's the former.

Are these tough to install? Is there any special alignment needed? I'm not well-versed, obviously, and only basic equipment (DVM, Freq counter -- could gain access to an o-scope).

Thanks, again!

73

--- In transworld_radio@yahoogroups.com, dave <oldbeeman@...> wrote:
>
> the part number is sd1487 and i found a set at J. Birkett in Lincoln.
> England
> he will only take orders by mail. He wanted 25 GBP. or about $41 for
> 3 pair
> if you talk to datron they have a replacement for about $57 each.
>
> look up birkett's website on google. it only gives the address and phone no.
> give him a call for prices they are 5-8hr ahead of us in the states.
> but you will still have to send the money first.
>
> rf parts has a replacement but at $45 each...
>
> got mine in about three weeks.
>
> dave
>
>
>
> Dennis wrote:
> > You will most likely need to replace the two RF PA transistors.
> > Try RF Parts, they don't cost very much.
> >
> > Dennis Starks
> > Military-Radio-Guy
> > KB0SFP
> > Monitor(all USB):
> > 3996, 5403.5, 7296, 14342.5, 18157.5
> >
> >
> >
> > ----- Original Message ----
> >
> >> From: n9pse<n9pse@...>
> >> To: transworld_radio@yahoogroups.com

> >> Sent: Thu, January 21, 2010 7:14:37 PM
> >> Subject: [transworld_radio] Re: TW-100F Power Supply Issues
> >>
> >> Disconnected the unregulated DC input to the PA. No unusual current at this
> >> point. As I was beginning to suspect, no current with the power off, less than
> >> 1A on receive.
> >>
> >> So, sounds like a bad PA. If I read the schematic right, it seems the only DC
> >> circuit is through Q3 and Q4. Will continue to read up in the tech manual to
> >> try to understand what further steps are needed to further diagnose. Of course,
> >> any insights would be appreciated.
> >>
> >> Thanks!
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> >> Yahoo! Groups Links
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> > Yahoo! Groups Links
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> > No virus found in this incoming message.
> > Checked by AVG - www.avg.com
> > Version: 8.5.432 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 07:34:00
> >
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>

569. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 03:52:33 UTC
From: Dennis
Topic: 538 Message: 569

> Thanks for the info. Is that $41 total for 3 pair or each???

Most likely each. Average cost for a match pair is around $80.

> Are these tough to install?

Not to install but they are a real bitch to get out without messing up the board & surrounding parts. You will need a fair amount of heat. At least a 50-80 watt soldering iron. Solder sucker will help as well as an exacto knife to get under the leads & help peal them up. I just replace 8 in my TW500, 2ea in my Swan 100mxa, 2ea in my Syncal 30, & 2ea in an Atlas 210, & I have more to go. You must be very careful not to cause collateral damage.

> Is there any special alignment needed?

Pretty simple. You'll need to adjust the bias.

> well-versed, obviously, and only basic equipment (DVM, Freq counter -- could
---
That's all you'll need.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

570. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 06:18:34 UTC
From: dave
Topic: 538 Message: 570

the price was $41 for 6 transistors total three pair for $41. that
was the amount of the money order that i sent..
these are nos still in the original shipping container.

unbolt the xtrs from the heat sink first.

dave

Dennis wrote:
>> Thanks for the info. Is that $41 total for 3 pair or each???
>>
> ------------------
> Most likely each. Average cost for a match pair is around $80.
>
>
>> Are these tough to install?
>>
> ------------------
> Not to install but they are a real bitch to get out without messing up the board&
surrounding parts. You will need a fair amount of heat. At least a 50-80 watt soldering
iron. Solder sucker will help as well as an exacto knife to get under the leads& help peal
them up. I just replace 8 in my TW500, 2ea in my Swan 100mxa, 2ea in my Syncal 30,& 2ea in
an Atlas 210,& I have more to go. You must be very careful not to cause collateral damage.
>
>
>> Is there any special alignment needed?
>>
> -------------------
> Pretty simple. You'll need to adjust the bias.
>
>
>> well-versed, obviously, and only basic equipment (DVM, Freq counter -- could
>>
> -------------------
> That's all you'll need.
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
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> Yahoo! Groups Links
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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.432 / Virus Database: 271.1.1/2637 - Release Date: 01/21/10 19:34:00
>
>

571. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 06:20:18 UTC
From: dave
Topic: 538 Message: 571

they come as matched pairs from birkett
dave

Dennis wrote:
>
>
> They should be ordered as matched pair if at all possible. Never
> replace only one device of a pair.
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
> *From:* dave <oldbeeman@...>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Thu, January 21, 2010 9:20:07 PM
> *Subject:* Re: [transworld_radio] Re: TW-100F Power Supply Issues
>
>
>
> the part number is sd1487 and i found a set at J. Birkett in
> Lincoln. England
> he will only take orders by mail. He wanted 25 GBP. or about
> $41 for 3 pair
> if you talk to datron they have a replacement for about $57 each.
>
> look up birkett's website on google. it only gives the address and
> phone no.
> give him a call for prices they are 5-8hr ahead of us in the states.
> but you will still have to send the money first.
>
> rf parts has a replacement but at $45 each...
>
> got mine in about three weeks.
>
> dave
>
>
>
> Dennis wrote:
>> You will most likely need to replace the two RF PA transistors.
>> Try RF Parts, they don't cost very much.
>>

>> Dennis Starks
>> Military-Radio-Guy
>> KB0SFP
>> Monitor(all USB):
>> 3996, 5403.5, 7296, 14342.5, 18157.5
>>
>>
>>
>> ----- Original Message ----
>>
>>> From: n9pse<n9pse@...>
>>> To:transworld_radio@yahoogroups.com
>>> Sent: Thu, January 21, 2010 7:14:37 PM
>>> Subject: [transworld_radio] Re: TW-100F Power Supply Issues
>>>
>>> Disconnected the unregulated DC input to the PA. No unusual current at this
>>> point. As I was beginning to suspect, no current with the power off, less than
>>> 1A on receive.
>>>
>>> So, sounds like a bad PA. If I read the schematic right, it seems the only DC
>>> circuit is through Q3 and Q4. Will continue to read up in the tech manual to
>>> try to understand what further steps are needed to further diagnose. Of course,
>>> any insights would be appreciated.
>>>
>>> Thanks!
>>>
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>>> Yahoo! Groups Links
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>> Yahoo! Groups Links
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>>
>> No virus found in this incoming message.
>> Checked by AVG -www.avg.com
>> Version: 8.5.432 / Virus Database: 271.1.1/2636 - Release Date: 01/21/10 07:34:00

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>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.432 / Virus Database: 271.1.1/2637 - Release Date: 01/21/10 19:34:00
>
>

572. Re: [transworld_radio] Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 10:38:47 UTC
From: Markus Baertschi
Topic: 538 Message: 572

These transistors seem to be the thing which breaks in the TW100. I'm always wondering
if they could not be replaced with transistors with better specs to gain some margin.

Markus

--
Markus Baertschi Phone: ++41 (21) 807 1677
Bas du Rossé 16 Fax : ++41 (21) 807 1678
CH-1163, Etoy Email: markus@...
Switzerland Homepage: www.markus.org

573. Re: TW-100F output devices

Yahoo group: transworld_radio
Date: 2010-01-22 14:00:36 UTC
From: Dennis
Topic: 538 Message: 573

These transistors seem to be the thing which breaks in the TW100. I'm always wondering
>if they could not be replaced with transistors with better specs to gain some margin.
>----------
>The TW100 will easily put out almost 200 watts if you let it, however the internal power supply will not handle that power level. The VCO will come unlocked on voice peaks from lack of voltage. However, those operating on external power supplies are not limited so care must be exercised.
>
>I operate 2 of my TW100's at 50 watts. One because it is used to drive a TW500, the other for use on 60mtrs. Three others run at 125 watts daily with no troubles at all. My TW100F has run at 125 watts into dubious loads for extended periods of time with no ill effects for years. Dependent on the version of TW you have, the RF output devices are already rated for at least 80watts each(160 total watts).
>
>Versions of the TW100 intended for continuous duty use(TTY) use a external, more robust, power supply, along with a cooling fan, but the very same PA board & RF devices.
>
>It's just a fact of life, parts fail.
>
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5

574. WTB: Transworld or Datron Rack Mount Panels for RT100MP or RT7000MP.

Yahoo group: transworld_radio
Date: 2010-01-22 21:43:16 UTC
From: rf5000falcon
Topic: 574 Message: 574

WTB:
Transworld or Datron Rack Mount Panels for RT100MP or RT7000MP.
Olive drab rack mounting face plate and side hardware.
Dave Panek
KE4MLV

575. Re: TW-100F Power Supply Issues

Yahoo group: transworld_radio
Date: 2010-01-22 21:42:52 UTC
From: rf5000falcon
Topic: 538 Message: 575

Mark,
Check the transorb. It is the diode looking thing at the dc input.
If it fails it shunts to ground and causes the symptoms you describe.
Dave
KE4MLV

--- In transworld_radio@yahoogroups.com, "n9pse" <n9pse@...> wrote:
>
> Hi All;
>
> As a former AF weather officer, the TW-100F was part of our deployment equipment for sending/receiving weather data (in the days before satcom). I've since acquired one of these and hope to get it fully operational.
>
> When trying to power it up, it would blow the AC fuse. Not having any formal training (sort of self taught), my first guess was a bad filter cap. Opened the case, and disconnected the transformer secondaries to measure voltage. Still blew the fuse. Replaced the fuse with a slow-blow (lower current) in hopes to see any voltage off the secondary. Before the meter could stabilize, a bit of smoke from the transformer before the fuse blew again. Thus, I think I've got a bad transformer (shorted primary). Nearly zero resistance across the primary seems to support this (should've done this first, before getting smoked -- another "self taught" lesson).
>
> So, I guess the question is "where do I get a replacement transformer?" I've downloaded the TW-100F service manual (MANY thanks for posting this) and see that it's a 14.5V output. Although I'd prefer to replace with original parts, is there a suitable substitute?
>
> As an aside, I was able to determine the pin-outs for the DC in and rigged a connector. Using relatively low current to start off (from a 12v gel cell), was able to power up and receive FB. Then transferred to my main power supply and had a few nice QSOs on 80m using my G5RV -- getting great signal reports all around. So, at least the radio part of the unit seems to be working (will have to put a meter on it to measure RF power out, but seemed to be about 100+ watts based on current draw).
>
> Thanks for the great info y'all have posted -- I hope to be able to contribute more once I get up and running.
>
> Ah, the memories ...
>
> 73
> de N9PSE (Mark)
>

576. beware current ebay Transworld listings.

Yahoo group: transworld_radio
Date: 2010-02-17 22:15:33 UTC
From: Dennis
Topic: 576 Message: 576

Just in case anyone has seen and considered the TW100 & several other items currently on ebay.
Offered by w5bw, he at first claimed it was operable from 12vdc, 24vdc, 110vac & 220vac. Most of you already know that there was no such TW100 ever available. To compound this, the example he has for sale doesn't even have an AC supply. I notified him of this & suggested it was most likely a 24vdc version so he removed the AC operation from the text & changed it to 12vdc. Judging by the vented bottom cover, no bail front stand, & lack of an internal supply it is most likely a 24vdc version intented for use with tty &/or the TW1000amp.

BEWARE, this guy is a crook. I purchased a "fully operational milspec" TW500 from him a couple months ago. It wasn't "fully operational" until after I replaced four of it's eight output devices.

He also has a TW100 remote for $249(new from Murphy fr $80).

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

577. Re: [transworld_radio] TW100 model

Yahoo group: transworld_radio
Date: 2010-05-06 08:36:50 UTC
From: ervin kusuma
Topic: 468 Message: 577

I have 1 unit transceiver Transworld TW-100 12volt to sale, interest? pls reply to: ervin_kusuma@...

Thanks
Ervin

578. Looking to buy a nice, complete, clean and reliable TW100

Yahoo group: transworld_radio
Date: 2010-09-18 03:17:20 UTC
From: dinieto2002
Topic: 578 Message: 578

If anyone has one and wants to part with it, I want to buy one but it has to be in good reliable shape please, with mike and conecction cable, mail me your offer, I will pay via PayPal and shipping address is in Miami, Florida.
Thanks
Daniel

580. RAT-1000 and TW-5201

Yahoo group: transworld_radio
Date: 2010-11-14 03:33:18 UTC
From: Mike Craig
Topic: 580 Message: 580

Greetings everyone...I received a TW-100, RAT-1000, and TW-5201 console in an estate I am liquidating for the widow of WX7YZ. I'm seriously thinking of keeping the TW-100 having worked a lot of stations with it and like its audio. However I have no need for the RAT-1000 and TW-5201. Is there anyone out there who would be interested. The RAT-1000 looks new from what I've seen (still in box) as does the console. I have manuals for both. Pictures upon request. I'm open to offers. Mike, WA7TN, wa7tn@..., 425 335 4853

581. Re: [transworld_radio] RAT-1000 and TW-5201

Yahoo group: transworld_radio
Date: 2010-11-14 14:59:07 UTC
From: johnmb
Topic: 580 Message: 581

Mike I may be interested and would very much like to see the photos please?
Thanks John K5mO

>On Sat, 13 Nov 2010 19:33:18 -0800 Mike Craig <wa7tn@...> wrote.
>Greetings everyone...I received a TW-100, RAT-1000, and TW-5201 console
>in an estate I am liquidating for the widow of WX7YZ. I'm seriously
>thinking of keeping the TW-100 having worked a lot of stations with it
>and like its audio. However I have no need for the RAT-1000 and
>TW-5201. Is there anyone out there who would be interested. The
>RAT-1000 looks new from what I've seen (still in box) as does the
>console. I have manuals for both. Pictures upon request. I'm open to
>offers. Mike, WA7TN, wa7tn@..., 425 335 4853
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>Yahoo! Groups Links
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582. RE: [transworld_radio] RAT-1000 and TW-5201

Yahoo group: transworld_radio
Date: 2010-11-15 23:49:56 UTC
From: Hislop, Michael
Topic: 580 Message: 582

Hi Mike,

Can you please send me photo's of the Rat-1000

Michael R. Hislop

Chief Investigator

Humboldt County District Attorney's Office

825 5th Street, 4th Floor

Eureka, CA. 95501

707-268-2590

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Mike Craig
Sent: Saturday, November 13, 2010 7:33 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RAT-1000 and TW-5201

Greetings everyone...I received a TW-100, RAT-1000, and TW-5201 console in an estate I am liquidating for the widow of WX7YZ. I'm seriously thinking of keeping the TW-100 having worked a lot of stations with it and like its audio. However I have no need for the RAT-1000 and TW-5201. Is there anyone out there who would be interested. The RAT-1000 looks new from what I've seen (still in box) as does the console. I have manuals for both. Pictures upon request. I'm open to offers. Mike, WA7TN, wa7tn@arrl.net <mailto:wa7tn%40arrl.net> , 425 335 4853

583. TW100 Power Adjustment Control

Yahoo group: transworld_radio
Date: 2010-11-24 14:57:40 UTC
From: Mike Craig
Topic: 583 Message: 583

Has anyone replaced the trimmer that controls the ALC and thus power output on the printed circuit board with a potentiometer on the front panel? This would make for a more convenient adjustment location. I need to control power output for a linear and PSK31. If so could you pass along the details such as part number for the pot?

Mike Craig, WA7TN

584. Re: [transworld_radio] TW100 Power Adjustment Control

Yahoo group: transworld_radio
Date: 2010-11-24 15:22:00 UTC
From: Dennis
Topic: 583 Message: 584

I just adjust mine for 50 watts output & left it there. It works great to drive my TW500 & for use on 60 meters with the amp turned off.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: Mike Craig <wa7tn@...>
> To: transworld_radio@yahoogroups.com
> Sent: Wed, November 24, 2010 8:57:40 AM
> Subject: [transworld_radio] TW100 Power Adjustment Control
>
> Has anyone replaced the trimmer that controls the ALC and thus power
> output on the printed circuit board with a potentiometer on the front
> panel? This would make for a more convenient adjustment location. I
> need to control power output for a linear and PSK31. If so could you
> pass along the details such as part number for the pot?
>
> Mike Craig, WA7TN
>
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> Yahoo! Groups Links
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585. TW 100 Power output

Yahoo group: transworld_radio
Date: 2010-11-24 21:10:05 UTC
From: kg4fet@bellsouth.net
Topic: 585 Message: 585

I have a TW 100 with low output. get no output on SSB or CW 10 watts on AM. I do have a 1.5v drop on the pa board when keyed in CW but no output to the dummy load. Drops from 19.7 to 18.2. No modulation on ssb or AM. One point it does NOT have a chip on the PA but has the socket for one. I need a little help trouble shooting this rig. RX is great and I would love to get it on the air.
Thanks es 73
Sandor KG4FET

586. Re: [transworld_radio] TW 100 Power output

Yahoo group: transworld_radio
Date: 2010-11-24 21:55:19 UTC
From: Dennis
Topic: 585 Message: 586

If it makes no CW, no SSB, but does have an AM carrier, your current problem is not around the PA board. AM on all Transworlds is essentially SSB with a carrier re-incerted. Assuming that the AM carrier is on frequency)

As you have no CW output(assuming your keying via the CW/key jack), that pretty much eliminates the mic as a problem. The M-1 module is a high failure one for several reasons & it is a good place to start. Start by cleaning all connectors with Deoxit, & download the manual if you have'nt already done so.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: "kg4fet@..." <kg4fet@...>
> To: transworld_radio@yahoogroups.com
> Sent: Wed, November 24, 2010 3:10:05 PM
> Subject: [transworld_radio] TW 100 Power output
>
> I have a TW 100 with low output. get no output on SSB or CW 10 watts on AM. I
>do have a 1.5v drop on the pa board when keyed in CW but no output to the dummy
>load. Drops from 19.7 to 18.2. No modulation on ssb or AM. One point it does
>NOT have a chip on the PA but has the socket for one. I need a little help
>trouble shooting this rig. RX is great and I would love to get it on the air.
> Thanks es 73
> Sandor KG4FET
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> Yahoo! Groups Links
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587. Re: TW 100 Power output

Yahoo group: transworld_radio
Date: 2010-11-25 01:08:57 UTC
From: kg4fet@bellsouth.net
Topic: 585 Message: 587

Thanks Dennis. I have both manuals and I'll look into M1 Friday Morning es let you know
Sandor KG4FET

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> If it makes no CW, no SSB, but does have an AM carrier, your current problem is
> not around the PA board. AM on all Transworlds is essentially SSB with a carrier
> re-incerted. Assuming that the AM carrier is on frequency)
>
> As you have no CW output(assuming your keying via the CW/key jack), that pretty
> much eliminates the mic as a problem. The M-1 module is a high failure one for
> several reasons & it is a good place to start. Start by cleaning all connectors
> with Deoxit, & download the manual if you have'nt already done so.
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>
> ----- Original Message ----
> > From: "kg4fet@..." <kg4fet@...>
> > To: transworld_radio@yahoogroups.com
> > Sent: Wed, November 24, 2010 3:10:05 PM
> > Subject: [transworld_radio] TW 100 Power output
> >
> > I have a TW 100 with low output. get no output on SSB or CW 10 watts on AM. I
> >do have a 1.5v drop on the pa board when keyed in CW but no output to the dummy
> >load. Drops from 19.7 to 18.2. No modulation on ssb or AM. One point it does
> >NOT have a chip on the PA but has the socket for one. I need a little help
> >trouble shooting this rig. RX is great and I would love to get it on the air.
> > Thanks es 73
> > Sandor KG4FET
> >
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588. TW-100 For Sale in UK

Yahoo group: transworld_radio
Date: 2010-11-29 18:43:15 UTC
From: Old_Guard
Topic: 588 Message: 588

In case anyone is looking, I have a working TW-100 for sale. Looking for GBP 250 plus P&P. It is a mains model, only mod (that I'm aware of) is that the audio socket has been replaced with a 4-pin standard mic socket. Currently programmed for 80m SSB. Reason for sale is that it has been displaced by an ITT Mackay MSR-8000. I'll leave it on here for a couple of weeks before putting it up on fleabay. Item located near Warminster, Wiltshire in UK.

589. TW100 Price and Manufactured Dates

Yahoo group: transworld_radio
Date: 2010-12-01 03:45:30 UTC
From: Mike Craig
Topic: 589 Message: 589

Does anyone know the original price of the TW100 and the timer period over which it was manufactured?

I got the TW100 connected to my SB220 and boy does that amp hum now. Made a contact with a local who described the audio as "sweet, creamy texture - the way I like it." I continue to be amazed at the front end of this baby. The audio is so clear and even the noise floor on 75 meters is no real bother even for relatively weak signals. This rig was made for SSB it would seem. Anyone use it on CW? I still have to retrain myself (back to the 60s and 70s) when I switch bands to make sure I am on the correct sideband. Just like the good old days of my HW-101.

Mike, WA7TN

590. Re: [transworld_radio] TW100 Price and Manufactured Dates

Yahoo group: transworld_radio
Date: 2010-12-01 03:55:42 UTC
From: Dennis
Topic: 589 Message: 590

I have four in operation almost every day.
Yes, they do have a pretty good front end, & tough. I have keyed 50 watts into one & not hurt it. On the other hand & had 500 form a TW500 operating into an antenna only inches from another. This did eventually short the protective diodes on the front end drastically reducing sensitivity. I continued to use it in this state for 6 months before I decided to fix it.

Noise figures are much better than my Harris RF-3200. The squelch & scan systems are also much better. It's a toss up on the TX audio processing. The Harris will sometimes win by a very small margin

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: Mike Craig <wa7tn@...>
> To: transworld_radio@yahoogroups.com
> Sent: Tue, November 30, 2010 9:45:30 PM
> Subject: [transworld_radio] TW100 Price and Manufactured Dates
>
> Does anyone know the original price of the TW100 and the timer period
> over which it was manufactured?
>
> I got the TW100 connected to my SB220 and boy does that amp hum now.
> Made a contact with a local who described the audio as "sweet, creamy
> texture - the way I like it." I continue to be amazed at the front end
> of this baby. The audio is so clear and even the noise floor on 75
> meters is no real bother even for relatively weak signals. This rig was
> made for SSB it would seem. Anyone use it on CW? I still have to
> retrain myself (back to the 60s and 70s) when I switch bands to make
> sure I am on the correct sideband. Just like the good old days of my
> HW-101.
>
> Mike, WA7TN
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

591. Re: [transworld_radio] TW100 Price and Manufactured Dates

Yahoo group: transworld_radio
Date: 2010-12-01 04:25:12 UTC
From: Alex Rokowetz
Topic: 589 Message: 591

Mike,

I have a price list for Transworld's product line dated October, 1987. At that time, the prices for the various TW-100 models were:

```
TW100                $3,995 USD (12VDC)
TW100-28          $4,425 USD (28VDC)
TW100-AC         $4,170 USD (12VDC and 115/230VAC)
TW100-FSK       $4,735 USD (TW100 plus PF100 power supply)
TW100F              $6,000 USD (suitcase version)
```

The Selcall and Transcall options for the TW100 cost an extra $675 USD and $1,100 USD respectively. Selcall cost an extra $675 USD for the TW100F.

The two items you recently put up for sale, the TW5201 and RAT1000 originally went for $1,350 and 6,000 respectively.

On rare occasion, I've ran the TW100F on CW using the TW-9100 data terminal and RTTY using the TW5500 message terminal with 10W power.

I'm not sure about the production runtime for the TW100, but I have documentation for the TW-100 ranging from 12/1984 through 9/1993. I have documentation for the TW100F ranging from 4/1985 through 12/1992.

Alex
KC2SIT

Does anyone know the original price of the TW100 and the timer period over which it was manufactured?

I got the TW100 connected to my SB220 and boy does that amp hum now. Made a contact with a local who described the audio as "sweet, creamy

texture - the way I like it." I continue to be amazed at the front end of this baby. The audio is so clear and even the noise floor on 75 meters is no real bother even for relatively weak signals. This rig was made for SSB it would seem. Anyone use it on CW? I still have to retrain myself (back to the 60s and 70s) when I switch bands to make sure I am on the correct sideband. Just like the good old days of my HW-101.

Mike, WA7TN

592. TW100 Wanted

Yahoo group: transworld_radio
Date: 2010-12-01 16:02:57 UTC
From: Dick
Topic: 592 Message: 592

All this talk about the TW100 has brought back my interest in trying out one.

Anyone have one for sale, in working condition ?

73, Dick, W1KSZ

593. Old_Guard TW-100 For Sale in UK

Yahoo group: transworld_radio
Date: 2010-12-03 23:39:23 UTC
From: pasqualelombardi
Topic: 588 Message: 593

If available, what is the Price?
I am in USA.
Pat

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Old_Guard
Sent: Monday, November 29, 2010 1:43 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW-100 For Sale in UK

In case anyone is looking, I have a working TW-100 for sale. Looking for GBP 250 plus P&P. It is a mains model, only mod (that I'm aware of) is that the audio socket has been replaced with a 4-pin standard mic socket. Currently programmed for 80m SSB. Reason for sale is that it has been displaced by an ITT Mackay MSR-8000. I'll leave it on here for a couple of weeks before putting it up on fleabay. Item located near Warminster, Wiltshire in UK.

594. RE: [transworld_radio] Old_Guard TW-100 For Sale in UK

Yahoo group: transworld_radio
Date: 2010-12-04 10:00:07 UTC
From: Hugh Kemp
Topic: 588 Message: 594
Attachments: 2 described; binary payloads are missing from this source WARC

Er, read the post .....!

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of pasqualelombardi
Sent: 03 December 2010 23:39
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Old_Guard TW-100 For Sale in UK

If available, what is the Price?
I am in USA.

Pat

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Old_Guard
Sent: Monday, November 29, 2010 1:43 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW-100 For Sale in UK

In case anyone is looking, I have a working TW-100 for sale. Looking for GBP 250 plus P&P. It is a mains model, only mod (that I'm aware of) is that the audio socket has been replaced with a 4-pin standard mic socket. Currently programmed for 80m SSB. Reason for sale is that it has been displaced by an ITT Mackay MSR-8000. I'll leave it on here for a couple of weeks before putting it up on fleabay. Item located near Warminster, Wiltshire in UK.

596. RAT 100 Manual

Yahoo group: transworld_radio
Date: 2010-12-30 04:23:20 UTC
From: Mike Craig
Topic: 596 Message: 596

I have a RAT-100 Automatic Antenna Tuner Manual in perfect condition that I'll send for the price of postage. This is the 150 watt input version. Can send media rate or priority.

Mike Craig, WA7TN

597. Re: [transworld_radio] RAT 100 Manual

Yahoo group: transworld_radio
Date: 2010-12-30 08:40:16 UTC
From: Markus Baertschi
Topic: 596 Message: 597

Mike,

while I do not have a RAT-100 I would be interested in scanning the manual
to add it to the collection. I'd cover your mailing cost (lowest fare to
Switzerland, no hurry).

Markus HB9VCD

On Thu, Dec 30, 2010 at 05:23, Mike Craig <wa7tn@...> wrote:

> I have a RAT-100 Automatic Antenna Tuner Manual in perfect condition
> that I'll send for the price of postage. This is the 150 watt input
> version. Can send media rate or priority.
>
> Mike Craig, WA7TN
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
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>

--
Markus Baertschi, Bas du Rossé 16, CH-1163, Etoy, Switzerland
markus@..., ++41 (21) 807 1677

598. M9MP Board

Yahoo group: transworld_radio
Date: 2011-01-02 18:39:19 UTC
From: Joel Liburd
Topic: 598 Message: 598

Hello to all on the group,
I hope this new year brings you much joy and happiness,.

I am badly in need of a M9MP board for a TW-100 radio, also a transformer, but more than anything else, the Microprocessor board (M9MP)

I go the radio from a friend without this board, he doesn't know anything about the radio, apparently the person who was repairing it passed away and during clean up, they may have thrown away the board not knowing what it was for, so I would very much appreciate a good Samaritan to stop by please,

I would also be very great for any reasonable deal $$$.

Thanks in advance.

v44kai.....Joel.

599. TW-100 [M9MP Board]

Yahoo group: transworld_radio
Date: 2011-01-02 18:47:48 UTC
From: Joel Liburd
Topic: 599 Message: 599

Hello to all on the group,
I hope this new year brings you much joy and happiness,.

I am badly in need of a M9MP board for a TW-100 radio, also a transformer, but more than anything else, the Microprocessor board (M9MP)

I go the radio from a friend without this board, he doesn't know anything about the radio, apparently the person who was repairing it passed away and during clean up, they may have thrown away the board not knowing what it was for, so I would very much appreciate a good Samaritan to stop by please,

I would also be very great for any reasonable deal $$$.

Thanks in advance.

v44kai.....Joel.

601. Transworld stuff in ONE land.

Yahoo group: transworld_radio
Date: 2011-01-22 15:59:27 UTC
From: Dennis
Topic: 601 Message: 601

>The following exchange took place between me & another today. I'm not interested
>
>in pursuing it, maybe those closer to him may be. Respond to this message if you
>
>are interested or I'll forward the information on. Dennis(not spike)
>
>
>
>
>Hi Spike, Got your call sign on ebay, you were looking at tw-100 radio stuff,if
>
>you are interested I have a few of these sets(complete) that I would like to
>sell, also have an amp that goes with one of them 1kw. Also I have an ft70 by
>Yeasu complete charger,tuner etc. let me know if any interest. Thank you Mike

>(K1SKY)
>Mike LaFratta <MLaFratta@...>
>----------
>What all do you have & what do you want for it?
>Dennis
>----------
>
>What are you interested in? (offers)
>Mike
>----------
>I was interested in all of it.
>As to "offers". #1 I have no idea what to make an offer on because you didn't
>answer my question. #2, I don't make offers to someone who is trying to sell me
>
>something. When I'm selling something I must put a price on it. I expect the
>same. If that price isn't agreeable I'll make a counter offer. That's the way
>it works.
>
>Thanks for your time, but the element of trust is now gone.
>
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>

602. Transworld/Datron videos by XE1XNP

Yahoo group: transworld_radio
Date: 2011-01-24 22:52:17 UTC
From: Alex J Rokowetz
Topic: 602 Message: 602

I found some videos on Youtube of a fellow ham conducting some EXTREME tests of his transworld gear. I think they are worth sharing with the group. Can't say I recommend this behavior, but it's certainly interesting viewing.

XE1XNP EXTREME TEST!!! Military Radio RT100/MP waterproof and shock
http://www.youtube.com/watch?v=Bt5Py_RYC6g&feature=related

XE1XNP Military Radio Fire Test RT100/MP
http://www.youtube.com/watch?v=szD854JQraI&feature=related

More videos showing his Transworld gear in action can be found here:

http://www.youtube.com/user/spymsn#g/u

Happy viewing.

Alex
K2AJR

603. New Files Uploaded to Transworld Radio Yahoo Group

Yahoo group: transworld_radio
Date: 2011-01-25 14:21:57 UTC
From: Alex J Rokowetz
Topic: 603 Message: 603

For the benefit of the group members, I have uploaded a number of manuals to the "Files" section of this Yahoo group in a folder called "Docs".

I couldn't upload some of the manuals as they exceeded the maximum file size established by Yahoo. Markus was kind enough to agree to store these files on his website and he will post links to these documents shortly in the "Links" section of this group (Thank you Markus).

I hope the other group members benefit from having access to this information.

Alex
K2AJR

604. Memory Backup Battery

Yahoo group: transworld_radio
Date: 2011-02-02 02:24:52 UTC
From: Mike Craig
Topic: 604 Message: 604

Anyone know of a good place to obtain the Y2 memory backup battery on the MP-9 module board of the TW-100 or alternatively a way to remove and resolder the tabs onto a new battery? I never had any luck with doing that with my IC-751A. I got the lucky board - the one that does not have the slide out battery. Datron has not responded to my request.

Mike, WA7TN

605. Re: [transworld_radio] Memory Backup Battery

Yahoo group: transworld_radio
Date: 2011-02-02 02:37:14 UTC
From: Dennis
Topic: 604 Message: 605

I replaced the battery in my PRC-1099 & TW-100 by simply soldering a couple wires to the battery. May not be by the book but it works. You got to use a Dremel to scuff it up to take solder.

KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: Mike Craig <wa7tn@...>
> To: transworld_radio@yahoogroups.com
> Sent: Tue, February 1, 2011 8:24:52 PM
> Subject: [transworld_radio] Memory Backup Battery
>
> Anyone know of a good place to obtain the Y2 memory backup battery on
> the MP-9 module board of the TW-100 or alternatively a way to remove and
> resolder the tabs onto a new battery? I never had any luck with doing
> that with my IC-751A. I got the lucky board - the one that does not
> have the slide out battery. Datron has not responded to my request.
>
> Mike, WA7TN
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

606. Backup Battery Found

Yahoo group: transworld_radio
Date: 2011-02-02 02:53:05 UTC
From: Mike Craig
Topic: 606 Message: 606

I found the exact replacement at Digikey

http://parts.digikey.com/1/parts/1247-battery-lithium-coin-20mm-w-legs-br-2032-hen.html

Mike, WA7TN

607. RT-100MP DC connector

Yahoo group: transworld_radio
Date: 2011-02-03 21:19:32 UTC
From: XE3LW
Topic: 607 Message: 607

Hello to all.

I am glad to have found this group dedicated to Transworld radios. So
It is my first post in here.
I have recently purchased a RT100MP, which it came with no cables nor manual., just the M80 mic.
Electronically speaking, I would say the radio is in perfect condition, however, cosmetically the rig have a lot of scratches on the covers, but nothing that a good paint job can fix.
Anyway, I have been dedicated to learn about this radio and to restoration.
It took me some time to figure it out the audio connectors model, but, about the rear panel connectors, I have no clue, specially the DC power connector.
Does anyone can help me to find these connectors or cables?
Any help is appreciated.

Oscar-Xe3lw

608. Re: RT-100MP DC connector

Yahoo group: transworld_radio
Date: 2011-02-05 23:16:03 UTC
From: Mike Craig
Topic: 607 Message: 608

Mouser.com has been a good source of connectors for some folks. My TW100 uses standard computer connectors on the rear panel. The cable will be a function of which output connector you are connecting. The operator's/service manual should provide how many individual wires are needed for a specific cable and what the function of each port is. 20-22 gauge wire works for me. Manuals can be purchased at http://www.american-milspec.com/p-537-rt100mp-msop.aspx for $8.

73,
Mike, WA7TN

609. GSA Price List for Datron Products

Yahoo group: transworld_radio
Date: 2011-02-08 01:05:32 UTC
From: Alex J Rokowetz
Topic: 609 Message: 609

I came across a current GSA Price List for Datron Products. If you're curious about what uncle pays for this stuff today, I uploaded the file to the docs folder in the files section of this Yahoo group. It covers all of their product lines and includes prices for kits, system components, individual modules, cable assemblies, you name it.

Alex
K2AJR

610. Re: RT-100MP DC connector

Yahoo group: transworld_radio
Date: 2011-02-08 03:59:55 UTC
From: XE3LW
Topic: 607 Message: 610

--- In transworld_radio@yahoogroups.com, Mike Craig <wa7tn@...> wrote:
>
> Mouser.com has been a good source of connectors for some folks. My TW100
> uses standard computer connectors on the rear panel. The cable will be a
> function of which output connector you are connecting. The
> operator's/service manual should provide how many individual wires are
> needed for a specific cable and what the function of each port is.
> 20-22 gauge wire works for me. Manuals can be purchased at
> http://www.american-milspec.com/p-537-rt100mp-msop.aspx for $8.
>
> 73,
> Mike, WA7TN
>

Mike
Thanks for the info.
I have already purchased the manual from American-Milspec, hope to have it sooner

73
Oscar-Xe3lw

611. Re: GSA Price List for Datron Products

Yahoo group: transworld_radio
Date: 2011-02-08 04:03:15 UTC
From: XE3LW
Topic: 609 Message: 611

Hi Alex
Very interesting information, thanks for sharing.

Oscar-Xe3lw

612. RT100/mp operating manual

Yahoo group: transworld_radio
Date: 2011-02-21 11:15:52 UTC
From: Sulaiman Aljedaie
Topic: 612 Message: 612

Hello group
Can any one help me with copy of operating manual for the RT100/mp and RAT100 tuner?

I will appreciate the assistance

73,s DE 7Z1SJ Sulaiman

613. SULAIMAN RE: [transworld_radio] RT100/mp operating manual

Yahoo group: transworld_radio
Date: 2011-02-21 16:18:10 UTC
From: pasqualelombardi
Topic: 612 Message: 613

Hello Sulaiman,

I just ordered them from <blocked::https://american-milspec.com/> American Milspec, LLC.

Thank you,
Pasquale Lombardi in FL., USA

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Sulaiman Aljedaie
Sent: Monday, February 21, 2011 6:16 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT100/mp operating manual

Hello group

Can any one help me with copy of operating manual for the RT100/mp and RAT100 tuner?

I will appreciate the assistance

73,s DE 7Z1SJ Sulaiman

614. Re: SULAIMAN RE: [transworld_radio] RT100/mp operating manual

Yahoo group: transworld_radio
Date: 2011-02-21 16:38:49 UTC
From: Dennis
Topic: 612 Message: 614

Operation of the RT100 is the same as only other TW100 variant.
You can download the operator's manual from our files section, or at one of the links provided.

KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: pasqualelombardi <pasquale.nj@...>
>To: transworld_radio@yahoogroups.com
>Sent: Mon, February 21, 2011 10:18:10 AM
>Subject: SULAIMAN RE: [transworld_radio] RT100/mp operating manual
>
>
>
>
>
>Hello Sulaiman,
>
>I just ordered them from American Milspec, LLC.
>
>Thank you,
>Pasquale Lombardi in FL., USA
>
>
_____
From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Sulaiman Aljedaie
>Sent: Monday, February 21, 2011 6:16 AM
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] RT100/mp operating manual
>
>
>Hello group
>Can any one help me with copy of operating manual for the RT100/mp and RAT100
>tuner?
>I will appreciate the assistance
>73,s DE 7Z1SJ Sulaiman
>
>
>

615. Re: SULAIMAN RE: [transworld_radio] RT100/mp operating manual

Yahoo group: transworld_radio
Date: 2011-02-21 18:48:37 UTC
From: dave
Topic: 612 Message: 615

try this site

http://www.mods.dk/manual.php?brand=_other at the bottom

dave

pasqualelombardi wrote:
>
>
> Hello Sulaiman,
> I just ordered them from American Milspec, LLC
> <blocked::https://american-milspec.com/>.
>
> Thank you,
> Pasquale Lombardi in FL., USA
>
> ---
> *From:* transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com] *On Behalf Of *Sulaiman Aljedaie
> *Sent:* Monday, February 21, 2011 6:16 AM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* [transworld_radio] RT100/mp operating manual
>
>
> Hello group
>
> Can any one help me with copy of operating manual for the RT100/mp and
> RAT100 tuner?
>
> I will appreciate the assistance
>
> 73,s DE 7Z1SJ Sulaiman
>
>
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 10.0.1204 / Virus Database: 1435/3451 - Release Date: 02/18/11
>

616. Re: SULAIMAN RE: [transworld_radio] RT100/mp operating manual

Yahoo group: transworld_radio
Date: 2011-02-21 19:28:22 UTC
From: Dennis
Topic: 612 Message: 616

I really don't understand why such simple things are so often made so difficult.
This group, remember, the "transworld_radio" yahoo group?
Look in our files section:
<http://groups.yahoo.com/group/transworld_radio/files/Docs/>

Everything you need is there plus a lot more.

In addition, Marcus, remember him, he's the list owner, has complete &
partial(condensed ops manual) Guess where you can find that information? Wow,
again, right here on this groups yahoo site:
<http://groups.yahoo.com/group/transworld_radio/links>

KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: dave <oldbeeman@...>
>To: transworld_radio@yahoogroups.com
>Sent: Mon, February 21, 2011 12:48:37 PM
>Subject: Re: SULAIMAN RE: [transworld_radio] RT100/mp operating manual
>
>
>
>try this site
>
>http://www.mods.dk/manual.php?brand=_other at the bottom
>
>dave
>
>
>pasqualelombardi wrote:
>
>>
>>Hello Sulaiman,
>>
>>I just ordered them from American Milspec, LLC.
>>
>>Thank you,
>>Pasquale Lombardi in FL., USA
>>
>>
_____
From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
On Behalf Of SulaimanAljedaie
>>Sent: Monday, February 21, 2011 6:16 AM

>>To: transworld_radio@yahoogroups.com
>>Subject: [transworld_radio] RT100/mp operating manual
>>
>>
>>Hello group
>>Can any one help me with copy of operating manual for the RT100/mp and RAT100
>>tuner?
>>I will appreciate the assistance
>>73,s DE 7Z1SJ Sulaiman

>>No virus found in this message.
>>Checked by AVG - www.avg.com
>>Version: 10.0.1204 / Virus Database: 1435/3451 - Release Date: 02/18/11

617. DENNIS RE: [transworld_radio] RT100/mp operating manual

Yahoo group: transworld_radio
Date: 2011-02-21 19:34:15 UTC
From: pasqualelombardi
Topic: 612 Message: 617

Hi Dennis,
I have difficulty locating the information Specific to the TW100MP connectors, remote face plate, etc.
Thank you,
Pat

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Dennis
Sent: Monday, February 21, 2011 2:28 PM
To: transworld_radio@yahoogroups.com
Subject: Re: SULAIMAN RE: [transworld_radio] RT100/mp operating manual

I really don't understand why such simple things are so often made so difficult.
This group, remember, the "transworld_radio" yahoo group?
Look in our files section:
<http://groups.yahoo.com/group/transworld_radio/files/Docs/>

Everything you need is there plus a lot more.

In addition, Marcus, remember him, he's the list owner, has complete & partial(condensed ops manual) Guess where you can find that information?
Wow, again, right here on this groups yahoo site:
<http://groups.yahoo.com/group/transworld_radio/links>

KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

From: dave <oldbeeman@...>
To: transworld_radio@yahoogroups.com
Sent: Mon, February 21, 2011 12:48:37 PM
Subject: Re: SULAIMAN RE: [transworld_radio] RT100/mp operating manual

try this site

http://www.mods.dk/manual.php?brand=_other at the bottom

dave

pasqualelombardi wrote:

Hello Sulaiman,

I just ordered them from American Milspec, LLC.

Thank you,
Pasquale Lombardi in FL., USA

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Sulaiman Aljedaie
Sent: Monday, February 21, 2011 6:16 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT100/mp operating manual

Hello group

Can any one help me with copy of operating manual for the RT100/mp and
RAT100 tuner?

I will appreciate the assistance

73,s DE 7Z1SJ Sulaiman

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1204 / Virus Database: 1435/3451 - Release Date: 02/18/11

618. Re: DENNIS RE: [transworld_radio] RT100/mp operating manual

Yahoo group: transworld_radio
Date: 2011-02-21 19:42:18 UTC
From: Dennis
Topic: 612 Message: 618

I have difficulty locating the information Specific to the TW100MP connector
>----------So, All the poor guy asked for was an operating manual.
>
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5

619. MIKE RE: [transworld_radio] Re: RT-100MP DC connector

Yahoo group: transworld_radio
Date: 2011-02-24 17:43:48 UTC
From: pasqualelombardi
Topic: 607 Message: 619

You know Mike,
I Don't think that I ever thanked you for the Am. Milspec Info.
I ordered manuals (Still waiting) from Scott.
Thank you Mike.
Pat in FL.

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Mike Craig
Sent: Saturday, February 05, 2011 6:16 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Re: RT-100MP DC connector

Mouser.com has been a good source of connectors for some folks. My TW100 uses standard computer connectors on the rear panel. The cable will be a function of which output connector you are connecting. The operator's/service manual should provide how many individual wires are needed for a specific cable and what the function of each port is. 20-22 gauge wire works for me. Manuals can be purchased at http://www.american-milspec.com/p-537-rt100mp-msop.aspx for $8.

73,
Mike, WA7TN

620. WTB: RT100/MP Fuse Holder

Yahoo group: transworld_radio
Date: 2011-03-01 04:09:08 UTC
From: k2ajr
Topic: 620 Message: 620

Fellas,

I'm in need of a fuse holder for the RT100/MP. Does anyone have one they can make available?

Please respond off-list.

Thanks,

Alex
belarok@...

621. TW-1000 RF Transistors

Yahoo group: transworld_radio
Date: 2011-03-08 05:30:52 UTC
From: zs6jpl
Topic: 621 Message: 621

Dear Reader

I am trying to get hold off some Motorola D310050 RF Transistors used in the TW-1000 Linear amp. If you know of a source please let me know.

73

622. Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-10 14:43:52 UTC
From: k2ajr
Topic: 622 Message: 622

I recently acquired a service manual for the Transworld RT100/MP HF SSB transceiver. The pdf file exceeds the file size limit for this Yahoo group, so I posted a copy to a file sharing website and placed a hyperlink to the file in the "Links" section of this group. You can access the manual by clicking that hyperlink.

Alex
K2AJR

623. Re: [transworld_radio] Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-10 19:05:14 UTC
From: Dennis
Topic: 622 Message: 623

I tried to access the Scribd site. Had to sign up for a Facebook account(which I

didn't want). The Scribd wanted all facebook information transferred to them.
Seems a bit invasive to me so I opted out.
Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: k2ajr <belarok@...>
> To: transworld_radio@yahoogroups.com
> Sent: Thu, March 10, 2011 8:43:52 AM
> Subject: [transworld_radio] Transworld RT100/MP Service Manual
>
> I recently acquired a service manual for the Transworld RT100/MP HF SSB
>transceiver. The pdf file exceeds the file size limit for this Yahoo group, so
>I posted a copy to a file sharing website and placed a hyperlink to the file in
>the "Links" section of this group. You can access the manual by clicking that
>hyperlink.
>
> Alex
> K2AJR
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

624. Re: [transworld_radio] Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-10 19:44:38 UTC
From: Alex J Rokowetz
Topic: 622 Message: 624

Dennis,

I refuse to get involved in facebook, so I signed up for scribd account without facebook.

Where you able to download a copy of the file? If not, I'm sure I can figure out a way to get it to you.

Alex
K2AJR

From: Dennis <spike.dennis@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 2:05:14 PM
Subject: Re: [transworld_radio] Transworld RT100/MP Service Manual

I tried to access the Scribd site. Had to sign up for a Facebook account(which I

didn't want). The Scribd wanted all facebook information transferred to them.
Seems a bit invasive to me so I opted out.
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>
> Alex
> K2AJR
>
>
>
> ------------------------------------
>

> Yahoo! Groups Links
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>

625. Re: [transworld_radio] Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-10 20:21:21 UTC
From: Dennis
Topic: 622 Message: 625

No, I wasn't able to download the manual because I wasn't willing to pass the already unwanted facebook information to scribd. Nor am I willing to distribute even yet more information to another group(scribd).

I did not before hand have a facebook account & like you I didn't want one. I assumed from the download page that all that was required was the facebook account, so I signed up for one. But not so! The scribd account is also required, they just have a provision to pass the facebook information to scribd to facilitate the sign up. BS!

I am VERY disturbed by the fact that facebook seemed to already know who I was. They listed a bunch of people over the years that I have known & asked if I wanted to add them to my account. I suspect scribd is yet another of these information gathering services. Again, BS!

No mater, I don't have an RT100 anyway. Just wishfull thinking. Maybe someday I'll be able to trade several of my TW100's for one.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: Alex J Rokowetz <belarok@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thu, March 10, 2011 1:44:38 PM
>Subject: Re: [transworld_radio] Transworld RT100/MP Service Manual
>
>
>
>
>Dennis,
>
>I refuse to get involved in facebook, so I signed up for scribd account without
>facebook.
>
>Where you able to download a copy of the file? If not, I'm sure I can figure
>out a way to get it to you.
>
>Alex
>K2AJR
>
>
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From: Dennis <spike.dennis@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thu, March 10, 2011 2:05:14 PM
>Subject: Re: [transworld_radio] Transworld RT100/MP Service Manual
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>>
>> Alex
>> K2AJR
>>
>>
>>
>> ------------------------------------
>>
>> Yahoo! Groups Links
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626. Re: [transworld_radio] Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-10 23:26:41 UTC
From: dave
Topic: 622 Message: 626

i have found that squibd is a pain in the pa-toot.
might it be better to send the manual to the mods.dk site?
might also try mediafire.com no charge

i also would like to see the /mp manual i have a couple of them.
dave k7da

Dennis wrote:
> I tried to access the Scribd site. Had to sign up for a Facebook account(which I
>
> didn't want). The Scribd wanted all facebook information transferred to them.
> Seems a bit invasive to me so I opted out.
> Dennis Starks
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> 3996, 5403.5, 7296, 14342.5, 18157.5
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>> Yahoo! Groups Links
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> Yahoo! Groups Links
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>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1204 / Virus Database: 1497/3495 - Release Date: 03/09/11
>
>
>

627. Re: [transworld_radio] Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-10 23:38:37 UTC
From: Alex J Rokowetz
Topic: 622 Message: 627

Dave,

I was able to upload a copy to mediafire.com without creating an account for myself. You should be able to retrieve the file by clicking this link:

http://www.mediafire.com/?jc8cxcjw7osjrxt

Let us know if you could retrieve the file.

Alex

From: dave <oldbeeman@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 6:26:41 PM
Subject: Re: [transworld_radio] Transworld RT100/MP Service Manual

i have found that squibd is a pain in the pa-toot.
might it be better to send the manual to the mods.dk site?
might also try mediafire.com no charge

i also would like to see the /mp manual i have a couple of them.
dave k7da

Dennis wrote:
> I tried to access the Scribd site. Had to sign up for a Facebook account(which
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> Dennis Starks
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> Monitor(all USB):
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>> Alex
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>> ------------------------------------
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>> Yahoo! Groups Links
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> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1204 / Virus Database: 1497/3495 - Release Date: 03/09/11
>
>
>

628. Re: [transworld_radio] Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-10 23:54:28 UTC
From: dave
Topic: 622 Message: 628

worked great. you might consider loading it to mods.dk.
add it to their manual collections.
dave k7da

Alex J Rokowetz wrote:
>
>
> Dave,
> I was able to upload a copy to mediafire.com without creating an
> account for myself. You should be able to retrieve the file by
> clicking this link:
> http://www.mediafire.com/?jc8cxcjw7osjrxt
> Let us know if you could retrieve the file.
> Alex
>
> ---
> *From:* dave <oldbeeman@...>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Thu, March 10, 2011 6:26:41 PM
> *Subject:* Re: [transworld_radio] Transworld RT100/MP Service Manual
>
> i have found that squibd is a pain in the pa-toot.
> might it be better to send the manual to the mods.dk <http://mods.dk/>
> site?
> might also try mediafire.com <http://mediafire.com/> no charge
>
> i also would like to see the /mp manual i have a couple of them.
> dave k7da
>
> Dennis wrote:
> > I tried to access the Scribd site. Had to sign up for a Facebook
> account(which I
> >
> > didn't want). The Scribd wanted all facebook information transferred
> to them.
> > Seems a bit invasive to me so I opted out.
> > Dennis Starks
> > Military-Radio-Guy
> > KB0SFP
> > Monitor(all USB):
> > 3996, 5403.5, 7296, 14342.5, 18157.5
> >
> >
> >
> > ----- Original Message ----

> >
> >> From: k2ajr<belarok@... <mailto:belarok%40yahoo.com>>
> >> To: transworld_radio@yahoogroups.com
> <mailto:transworld_radio%40yahoogroups.com>
> >> Sent: Thu, March 10, 2011 8:43:52 AM
> >> Subject: [transworld_radio] Transworld RT100/MP Service Manual
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> >> Alex
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> > No virus found in this message.
> > Checked by AVG - www.avg.com <http://www.avg.com/>
> > Version: 10.0.1204 / Virus Database: 1497/3495 - Release Date: 03/09/11
> >
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>
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>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 10.0.1204 / Virus Database: 1497/3497 - Release Date: 03/10/11
>

629. Re: Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-11 00:05:30 UTC
From: XE3LW
Topic: 622 Message: 629

Alex.

I just downloaded the manual.
Thanks for sharing.

Oscar-Xe3lw

630. Re: [transworld_radio] Re: Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-11 00:32:23 UTC
From: Alex J Rokowetz
Topic: 622 Message: 630

Oscar,

You're welcome. I also picked up a RT5201 remote head from Mike Murphy (who has more ofthese remote heads for sale) and I ordered connector parts from Newark and Mouser to build a control cable. Let me know if you're interested and I'll send you the details.

Alex

From: XE3LW <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:05:30 PM
Subject: [transworld_radio] Re: Transworld RT100/MP Service Manual

Alex.

I just downloaded the manual.
Thanks for sharing.

Oscar-Xe3lw

631. Re: [transworld_radio] Re: Transworld RT100/MP Service Manual

Yahoo group: transworld_radio
Date: 2011-03-11 00:47:53 UTC
From: Oscar Nava
Topic: 622 Message: 631

Absolutely!

Is the RT100MP ready for remote head operation or is it require an extra module or accesory?

Oscar

From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 6:32:23 PM
Subject: Re: [transworld_radio] Re: Transworld RT100/MP Service Manual

Oscar,

You're welcome. I also picked up a RT5201 remote head from Mike Murphy (who has more ofthese remote heads for sale) and I ordered connector parts from Newark and Mouser to build a control cable. Let me know if you're interested and I'll send you the details.

Alex

From: XE3LW <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:05:30 PM
Subject: [transworld_radio] Re: Transworld RT100/MP Service Manual

Alex.

I just downloaded the manual.
Thanks for sharing.

Oscar-Xe3lw

632. Re: RT5201 remote?

Yahoo group: transworld_radio
Date: 2011-03-11 00:48:26 UTC
From: Dennis
Topic: 622 Message: 632

```
>
>You're welcome. I also picked up a RT5201 remote head from Mike Murphy
>
>-----------------
>Isn't an internal card required to interface one of those?
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5
>
```

633. Re: [transworld_radio] Re: RT5201 remote?

Yahoo group: transworld_radio
Date: 2011-03-11 01:58:56 UTC
From: Alex J Rokowetz
Topic: 622 Message: 633

Dennis,
Oscar,

Yes the M9 section requires the M9RC PCB. Some of the TW100's have it, some don't. The M9 sections can be swapped between radios as I did with another group member when I bought a TW5201 from him for one of my TW100 radios.

When I compare my newly acquired RT100 to my TW100 radios, all of the major components seem the same, have the same markings, and in some cases, even the same revision numbers. However, the RT100 radio seems fully outfitted with every available option. It has the remote option, noise blanker, selcall, transadapt, etc.

For your benefit, I've posted some photos to the "Photos" section of this group that show the selcall and transadapt modules that are in my RT100 as well as the M9 section with the M9RC PCB. Look in the folder titled "Identifications & Modifications". If your radio is not fitted for remote control, the PCB is "M9MP".

Oscar,

I will send you the info for the RT5201 available at Murphy's junk, and the connector parts I ordered to build the control cable that interfaces the RT5201 remote head with the RT100 XCVR. Just check your rig before you order anything. You can see the M9 section by popping off the bottom cover and unscrewing the aluminum panel that you see.

Alex
K2AJR

From: Dennis <spike.dennis@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:48:26 PM
Subject: [transworld_radio] Re: RT5201 remote?

>
>You're welcome. I also picked up a RT5201 remote head from Mike Murphy
>
>----------
>Isn't an internal card required to interface one of those?
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5
>

634. RT5201 Control Cable

Yahoo group: transworld_radio
Date: 2011-03-11 02:29:52 UTC
From: Alex J Rokowetz
Topic: 622 Message: 634

Oscar,

I ordered the remote head (operator manual included) from Mike Murphy, a very reputable dealer based in Southern California. The item is NOS. I have bought other items from him over the years (Transworld PRC1077, OP-177/U solar kit) and have always been very satisfied.

Click this link and scroll down the page half way:
http://www.murphyjunk.bizland.com/id4.html

As for the RT5201 control cable... the RT5201 provide the user with two options for control the radio. For local remote control, about 10 meters or less, you can use the standard 4-wire control. For longer distance remote control, a 2-wire option is available. In order to use the 2-wire option for longer distances, some modifications need to be made to the transceiver. These modifications are detailed in section 2.4 of the RT5201 manual. If sticking with the standard 4-wire setup, no modifications are required.

For a 4-wire setup, you'll need a control cable with at least 4 wires. I'm planning on using extra control cable that I have laying around. It's the same cable used for the TW5201. It's a shielded 4-wire cable, 24AWG, 300V. The manufacturer is "Manhattan Electric Cable". I don't see why anything similar made by Belden, Carol, Arrow, etc. wouldn;'t do the trick. I saw 100 foot rolls on Newark and Mouser starting at around 50 bucks and going up from there. If you any shielded 4 wire cable laying around, even better.

As for the connectors, the RT5201's 4 wire connector is a made by bendix, box mount receptacle socket, part number MS3102R-14S-6S.

The mating connector on the RT100/MP is J2 which is also made by Bendix, box mount receptacle socket, part number MS3102R-18-8S.

I usually order my parts from Mouser. They have all the parts in stock, except one part which was on backorder, so I ordered it from Newark. Other companies also sell these type of connectors. You'll need to build two plugs (one for each side of the cable). Each plug will require two parts, the connector and the cable clamp/backshell.

The Mouser part numbers are:

Plug that mates with J2 connector on RT100/MP:

Connector   654-97-3106A18-8P (I ordered this part from Newark)
Cable Clamp/Backshell   654-97-67-18-8

Plug that connects to 4-Wire Connector on RT5201:

Connector 654-97-3106A14S-6P
Cable Clamp/Backshell 654-97-67-14-6

All together, these cost $81.90 plus shipping. That may sound like a lot, but it's still way cheaper than ordering from Datron. Datron wanted $230.00 for a control cable to connect my PRC-1099 with the remote tuner RAT20. I built one for less than a 100 bucks. Some people order connectors from William Perry. He is a one man operation and some times takes a while to get your order completed and shipped, but many people recommend him highly. I'm sure someone on this list has his contact information.

Again, check your rig before placing an order.

I hope this helps.

Alex

From: Oscar Nava <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:47:53 PM
Subject: Re: [transworld_radio] Re: Transworld RT100/MP Service Manual

Absolutely!

Is the RT100MP ready for remote head operation or is it require an extra module or accesory?

Oscar

From: Alex J Rokowetz <belarok@...>
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Sent: Thu, March 10, 2011 6:32:23 PM
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Alex

From: XE3LW <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:05:30 PM
Subject: [transworld_radio] Re: Transworld RT100/MP Service Manual

Alex.

I just downloaded the manual.
Thanks for sharing.

Oscar-Xe3lw

635. Re: [transworld_radio] RT5201 Control Cable

Yahoo group: transworld_radio
Date: 2011-03-11 22:35:19 UTC
From: Oscar Nava
Topic: 622 Message: 635

Alex
Thanks for the info,, I checked my RT100 M9 board and I happily found it is a M9RC module.

However, I think it is not going to be easy to add this accesory to my station. unfortunately, Mike Murphy does not export any items at this time.
This is kind of confusing some times, because some vendors have no problem to ship military surplus outside of US, but other do not even want to ship anything in green color.
I understand there are restrictions for some sensible military artifacts. but I do not believe the same rule apply for all military items.

Oscar-Xe3lw

From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 8:29:52 PM
Subject: [transworld_radio] RT5201 Control Cable

Oscar,

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Click this link and scroll down the page half way:
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The Mouser part numbers are:

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Connector 654-97-3106A18-8P (I ordered this part from Newark)
Cable Clamp/Backshell 654-97-67-18-8

Plug that connects to 4-Wire Connector on RT5201:

Connector 654-97-3106A14S-6P
Cable Clamp/Backshell 654-97-67-14-6

All together, these cost $81.90 plus shipping. That may sound like a lot, but it's still way cheaper than ordering from Datron. Datron wanted $230.00 for a control cable to connect my PRC-1099 with the remote tuner RAT20. I built one for less than a 100 bucks. Some people order connectors from William Perry. He is a one man operation and some times takes a while to get your order completed and shipped, but many people recommend him highly. I'm sure someone on this list has his contact information.

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From: Oscar Nava <o_nava@yahoo.com>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:47:53 PM
Subject: Re: [transworld_radio] Re: Transworld RT100/MP Service Manual

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From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 6:32:23 PM

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From: XE3LW <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:05:30 PM
Subject: [transworld_radio] Re: Transworld RT100/MP Service Manual

Alex.

I just downloaded the manual.
Thanks for sharing.

Oscar-Xe3lw

636. Re: [transworld_radio] RT5201 Control Cable

Yahoo group: transworld_radio
Date: 2011-03-11 23:14:44 UTC
From: Alex J Rokowetz
Topic: 622 Message: 636

Oscar,

Sorry to hear that. This issue does comes up from time to time. Some vendors want to stay on the safe side of the fence and not take any chances whatsoever. It's a sign of the times.

Alex

From: Oscar Nava <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Fri, March 11, 2011 5:35:19 PM
Subject: Re: [transworld_radio] RT5201 Control Cable

Alex
Thanks for the info,, I checked my RT100 M9 board and I happily found it is a M9RC module.

However, I think it is not going to be easy to add this accesory to my station.
 unfortunately, Mike Murphy does not export any items at this time.
This is kind of confusing some times, because some vendors have no problem to ship military surplus outside of US, but other do not even want to ship anything in green color.
I understand there are restrictions for some sensible military artifacts. but I do not believe the same rule apply for all military items.

Oscar-Xe3lw

From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 8:29:52 PM
Subject: [transworld_radio] RT5201 Control Cable

Oscar,

I ordered the remote head (operator manual included) from Mike Murphy, a very reputable dealer based in Southern California. The item is NOS. I have bought other items from him over the years (Transworld PRC1077, OP-177/U solar kit) and have always been very satisfied.

Click this link and scroll down the page half way:
http://www.murphyjunk.bizland.com/id4.html

As for the RT5201 control cable... the RT5201 provide the user with two options for control the radio. For local remote control, about 10 meters or less, you can use the standard 4-wire control. For longer distance remote control, a 2-wire option is available. In order to use the 2-wire option for longer

distances, some modifications need to be made to the transceiver. These modifications are detailed in section 2.4 of the RT5201 manual. If sticking with the standard 4-wire setup, no modifications are required.

For a 4-wire setup, you'll need a control cable with at least 4 wires. I'm planning on using extra control cable that I have laying around. It's the same cable used for the TW5201. It's a shielded 4-wire cable, 24AWG, 300V. The manufacturer is "Manhattan Electric Cable". I don't see why anything similar made by Belden, Carol, Arrow, etc. wouldn;'t do the trick. I saw 100 foot rolls on Newark and Mouser starting at around 50 bucks and going up from there. If you any shielded 4 wire cable laying around, even better.

As for the connectors, the RT5201's 4 wire connector is a made by bendix, box mount receptacle socket, part number MS3102R-14S-6S.

The mating connector on the RT100/MP is J2 which is also made by Bendix, box mount receptacle socket, part number MS3102R-18-8S.

I usually order my parts from Mouser. They have all the parts in stock, except one part which was on backorder, so I ordered it from Newark. Other companies also sell these type of connectors. You'll need to build two plugs (one for each side of the cable). Each plug will require two parts, the connector and the cable clamp/backshell.

The Mouser part numbers are:

Plug that mates with J2 connector on RT100/MP:

Connector 654-97-3106A18-8P (I ordered this part from Newark)
Cable Clamp/Backshell 654-97-67-18-8

Plug that connects to 4-Wire Connector on RT5201:

Connector 654-97-3106A14S-6P
Cable Clamp/Backshell 654-97-67-14-6

All together, these cost $81.90 plus shipping. That may sound like a lot, but it's still way cheaper than ordering from Datron. Datron wanted $230.00 for a control cable to connect my PRC-1099 with the remote tuner RAT20. I built one for less than a 100 bucks. Some people order connectors from William Perry. He is a one man operation and some times takes a while to get your order completed and shipped, but many people recommend him highly. I'm sure someone on this list has his contact information.

Again, check your rig before placing an order.

I hope this helps.

Alex

From: Oscar Nava <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:47:53 PM

Subject: Re: [transworld_radio] Re: Transworld RT100/MP Service Manual

Absolutely!

Is the RT100MP ready for remote head operation or is it require an extra module or accesory?

Oscar

From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 6:32:23 PM
Subject: Re: [transworld_radio] Re: Transworld RT100/MP Service Manual

Oscar,

You're welcome. I also picked up a RT5201 remote head from Mike Murphy (who has more ofthese remote heads for sale) and I ordered connector parts from Newark and Mouser to build a control cable. Let me know if you're interested and I'll send you the details.

Alex

From: XE3LW <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, March 10, 2011 7:05:30 PM
Subject: [transworld_radio] Re: Transworld RT100/MP Service Manual

Alex.

I just downloaded the manual.
Thanks for sharing.

Oscar-Xe3lw

637. Control Cable for TW5201 and RT-5201?-For Sale

Yahoo group: transworld_radio
Date: 2011-04-03 20:20:22 UTC
From: wa7tn
Topic: 637 Message: 637

I have located a brand spanking NEW control cable for the TW5201 remote head. It even has the QC tag on it. I suspect it will also work with the RT5201. The cable is approximately 10m (estimated as I do not want to break the cable seals). One end has the TW100 mic connector (male) and the other has a 9 pin male connector marked "J9." Price is $70 plus $12 shipping (priority mail). Mike, WA7TN

638. Re: [transworld_radio] Control Cable for TW5201 and RT-5201?-For Sale

Yahoo group: transworld_radio
Date: 2011-04-03 20:41:03 UTC
From: Alex J Rokowetz
Topic: 637 Message: 638

All,

Point of clarification... the control cable for the RT5201 uses different connectors than the control cable for the TW5201. If this cable has the TW100 mic connector, it will not connect to the RT5201 without replacing the connector.

Alex
K2AJR
 "The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: wa7tn <wa7tn@arrl.net>
To: transworld_radio@yahoogroups.com
Sent: Sun, April 3, 2011 4:20:22 PM
Subject: [transworld_radio] Control Cable for TW5201 and RT-5201?-For Sale

I have located a brand spanking NEW control cable for the TW5201 remote head. It even has the QC tag on it. I suspect it will also work with the RT5201. The cable is approximately 10m (estimated as I do not want to break the cable seals). One end has the TW100 mic connector (male) and the other has a 9 pin male connector marked "J9." Price is $70 plus $12 shipping (priority mail).
Mike, WA7TN

639. Re: Control Cable for TW5201 and RT-5201?-For Sale

Yahoo group: transworld_radio
Date: 2011-04-03 23:28:55 UTC
From: wa7tn
Topic: 637 Message: 639

Thanks for the correction Alex. As always up to date with all the details. Mike

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> All,
>
> Point of clarification... the control cable for the RT5201 uses different
> connectors than the control cable forÂ the TW5201.Â If this cable has theÂ TW100
> mic connector, it will not connect to the RT5201 without replacing the
> connector.
>
> Alex
> K2AJR
> Â "The budget should be balanced, the Treasury should be refilled, public debt
> should be reduced, the arrogance of officialdom should be tempered and
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>
>
> _____
> From: wa7tn <wa7tn@...>
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> even has the QC tag on it. I suspect it will also work with the RT5201. The
> cable is approximately 10m (estimated as I do not want to break the cable
> seals). One end has the TW100 mic connector (male) and the other has a 9 pin
> male connector marked "J9." Price is $70 plus $12 shipping (priority mail).
> Mike, WA7TN
>

640. WTB: RAT100 Tuner

Yahoo group: transworld_radio
Date: 2011-04-17 16:13:48 UTC
From: k2ajr
Topic: 640 Message: 640

I'm looking for a RAT100 antenna tuner to go with my Transworld RT100/MP radio.

If you have one or know of a source, please contact me offlist.

Thanks!

Alex
K2AJR
belarok@...

641. Please, I need tech info about TW7000

Yahoo group: transworld_radio
Date: 2011-04-20 17:19:46 UTC
From: a1elg1
Topic: 641 Message: 641

I got a used TW7000 from a Gov. Surplus some weeks ago but the rig was programed to low power output (40w max.), I was tried to program again following steps in the Op. manual via the front panel (alpha #5 etc...)but didn´t work.
If any posibility to reset to factory defaults? or restore settings without using the RC2 control sofware? I know that the software & cable are a little expensive.

Thanks so much for the attention,

73!
Eduardo Luis
OA4BSA

642. Re: [transworld_radio] Please, I need tech info about TW7000

Yahoo group: transworld_radio
Date: 2011-04-20 18:20:03 UTC
From: Alex J Rokowetz
Topic: 641 Message: 642

Eduardo,

The TW7000 and TW7000F radios have three programmable power levels... low, medium, and high. You can choose from the three power levels by pressing the "RF PWR" button, which is on the top row, third button from the left. The factory defaults for each level is: LOW = 10 watts, MEDIUM = 25 watts, and HIGH = 100 watts. If you want to change the factory default settings for each power level, then you should be able to do that by pressing alpha, 5, E, select the power level, key the radio in CW mode, use the up or down arrows to change the power output (You'll need to have an RF meter connected to the transceiver to monitor the power output), and when you reach the desired power ouput press E to save the setting.

If this doesn't solve your problem, I have a copy of the RC2 software and the RC2 manual that I can get to you if you are willing to cover the postage.

Hope this helps.

Alex
K2AJR
 "The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: a1elg1 <a1elg1@...>
To: transworld_radio@yahoogroups.com
Sent: Wed, April 20, 2011 1:19:46 PM
Subject: [transworld_radio] Please, I need tech info about TW7000

I got a used TW7000 from a Gov. Surplus some weeks ago but the rig was programed to low power output (40w max.), I was tried to program again following steps in the Op. manual via the front panel (alpha #5 etc...)but didn´t work.
If any posibility to reset to factory defaults? or restore settings without using the RC2 control sofware? I know that the software & cable are a little expensive.

Thanks so much for the attention,

73!
Eduardo Luis
OA4BSA

643. Re: Please, I need tech info about TW7000

Yahoo group: transworld_radio
Date: 2011-04-20 19:38:33 UTC
From: a1elg1
Topic: 641 Message: 643

Hello Alex,

Thank you very much!

Well I tryed that and no results, I think somebody (maybe in Datron) set the rig only for a max. power of 35/40w and bloked in some way the power settings using de control panel, anyway, would be fantastic to try with the software :) I think that this can solve the problem definitely.

Please, can you contact me by email to arrange details? I appreciate a lot your help and time.

All the best,

Eduardo
OA4BSA
a1elg1@...
a1elg@...

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Eduardo,
>
> The TW7000 and TW7000F radios have three programmable power levels... low,
> medium, and high.Â You can choose from the three power levels by pressing the
> "RF PWR" button, which is on the top row, third button from the left.Â The
> factory defaults for each level is: LOW = 10 watts, MEDIUM = 25 watts, and HIGH
> = 100 watts.Â If you want to change the factory default settings for each power
> level, then you should be able to do that by pressing alpha,Â 5, E, selectÂ the
> power level, key the radio in CW mode,Â useÂ the up or down arrows to change the
> power output (You'll need to have an RF meter connected to the transceiver to
> monitor the power output), andÂ when you reach the desired power ouput press E to
> save the setting.
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> RC2 manual that I can get to you if you are willing to cover the postage.
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> Hope this helps.
>
> Alex
> K2AJRÂ Â
> Â "The budget should be balanced, the Treasury should be refilled, public debt
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>
>
>
> _____
> From: a1elg1 <a1elg1@...>
> To: transworld_radio@yahoogroups.com
> Sent: Wed, April 20, 2011 1:19:46 PM
> Subject: [transworld_radio] Please, I need tech info about TW7000
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> If any posibility to reset to factory defaults? or restore settings without
> using the RC2 control sofware? I know that the software & cable are a little
> expensive.
>
> Thanks so much for the attention,
>
> 73!
> Eduardo Luis
> OA4BSA
>

644. Re: [transworld_radio] Re: Please, I need tech info about TW7000

Yahoo group: transworld_radio
Date: 2011-04-20 19:54:49 UTC
From: Alex J Rokowetz
Topic: 641 Message: 644

Eduardo,

I just emailed you off-list. Please look for my email.

Alex
K2AJR
 "The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

_____
From: a1elg1 <a1elg1@...>
To: transworld_radio@yahoogroups.com
Sent: Wed, April 20, 2011 3:38:33 PM
Subject: [transworld_radio] Re: Please, I need tech info about TW7000

Hello Alex,

Thank you very much!

Well I tryed that and no results, I think somebody (maybe in Datron) set the rig only for a max. power of 35/40w and bloked in some way the power settings using de control panel, anyway, would be fantastic to try with the software :) I think that this can solve the problem definitely.

Please, can you contact me by email to arrange details? I appreciate a lot your help and time.

All the best,

Eduardo
OA4BSA
a1elg1@...
a1elg@...

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Eduardo,
>
> The TW7000 and TW7000F radios have three programmable power levels... low,
> medium, and high.Â You can choose from the three power levels by pressing the

> "RF PWR" button, which is on the top row, third button from the left.Â The
> factory defaults for each level is: LOW = 10 watts, MEDIUM = 25 watts, and HIGH
>

> = 100 watts.Â If you want to change the factory default settings for each power
>
> level, then you should be able to do that by pressing alpha,Â 5, E, selectÂ the
>
> power level, key the radio in CW mode,Â useÂ the up or down arrows to change
>the
>
> power output (You'll need to have an RF meter connected to the transceiver to
> monitor the power output), andÂ when you reach the desired power ouput press E
>to
>
> save the setting.
>
> If this doesn't solve your problem, I have a copy of the RC2 software and the
> RC2 manual that I can get to you if you are willing to cover the postage.
>
> Hope this helps.
>
> Alex
> K2AJRÂ Â
> Â "The budget should be balanced, the Treasury should be refilled, public debt

> should be reduced, the arrogance of officialdom should be tempered and
> controlled, and the assistance to foreign lands should be curtailed lest Rome
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> assistance."
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> _____
> From: a1elg1 <a1elg1@...>
> To: transworld_radio@yahoogroups.com
> Sent: Wed, April 20, 2011 1:19:46 PM
> Subject: [transworld_radio] Please, I need tech info about TW7000
>
> Â
> I got a used TW7000 from a Gov. Surplus some weeks ago but the rig was
>programed
>
> to low power output (40w max.), I was tried to program again following steps in
>
> the Op. manual via the front panel (alpha #5 etc...)but didnÂ´t work.
> If any posibility to reset to factory defaults? or restore settings without
> using the RC2 control sofware? I know that the software & cable are a little
> expensive.
>
> Thanks so much for the attention,
>

> 73!
> Eduardo Luis
> OA4BSA
>

645. TW100 for Sale or Trade

Yahoo group: transworld_radio
Date: 2011-04-24 14:39:10 UTC
From: Mike Craig
Topic: 645 Message: 645

After months of on the air evaluation, I've finally decided to part with my TW100 as it is just not suited for the type of operation I have. I'm looking for a IC-7000, and the TW100 would be a partial trade. My TW100 is fully operational (set for 70 watts out for my linear but will set to 71-125 before I ship if you want). There are some scratches in the case (I can send photos on request). It comes with the Shure mic, AC power cord, and also the handset, H-250-U. A technical manual is included which expands user's manual. I will also include a 10m brand new control cable to connect to a remote console. The unit does NOT have the remote console PCB. I'd like $550 plus shipping but I'm open to offers. Like all my sales I give you 24 hours to look it over. If it's not to your liking send it back but at your expense. Mike, WA7TN

646. Re: [transworld_radio] TW100 for Sale or Trade

Yahoo group: transworld_radio
Date: 2011-04-24 14:41:59 UTC
From: john
Topic: 645 Message: 646

Mike, I'm interested. Do you have photos?

John K5MO

At 10:39 AM 4/24/2011, you wrote:
>After months of on the air evaluation, I've finally decided to part with
>my TW100 as it is just not suited for the type of operation I have. I'm
>looking for a IC-7000, and the TW100 would be a partial trade. My TW100
>is fully operational (set for 70 watts out for my linear but will set to
>71-125 before I ship if you want). There are some scratches in the case
>(I can send photos on request). It comes with the Shure mic, AC power
>cord, and also the handset, H-250-U. A technical manual is included
>which expands user's manual. I will also include a 10m brand new
>control cable to connect to a remote console. The unit does NOT have
>the remote console PCB. I'd like $550 plus shipping but I'm open to
>offers. Like all my sales I give you 24 hours to look it over. If it's
>not to your liking send it back but at your expense. Mike, WA7TN
>
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>
>Yahoo! Groups Links
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>
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647. Re: TW100 for Sale or Trade

Yahoo group: transworld_radio
Date: 2011-04-24 18:42:50 UTC
From: wa7tn
Topic: 645 Message: 647

You bet. Let me get the camera out and get some good ones this afternoon. I'll send direct rather than post on the bulletin board.

--- In transworld_radio@yahoogroups.com, john <johnmb@...> wrote:
>
>
> Mike, I'm interested. Do you have photos?
>
> John K5MO
>
>
>
> At 10:39 AM 4/24/2011, you wrote:
> >After months of on the air evaluation, I've finally decided to part with
> >my TW100 as it is just not suited for the type of operation I have. I'm
> >looking for a IC-7000, and the TW100 would be a partial trade. My TW100
> >is fully operational (set for 70 watts out for my linear but will set to
> >71-125 before I ship if you want). There are some scratches in the case
> >(I can send photos on request). It comes with the Shure mic, AC power
> >cord, and also the handset, H-250-U. A technical manual is included
> >which expands user's manual. I will also include a 10m brand new
> >control cable to connect to a remote console. The unit does NOT have
> >the remote console PCB. I'd like $550 plus shipping but I'm open to
> >offers. Like all my sales I give you 24 hours to look it over. If it's
> >not to your liking send it back but at your expense. Mike, WA7TN
> >
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> >Yahoo! Groups Links
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> >
>

648. Want to Purchase, Transworld TWPP

Yahoo group: transworld_radio
Date: 2011-04-25 01:16:23 UTC
From: pasqualelombardi
Topic: 645 Message: 648

Hello Group members,
I want to purchase a Transworld Power Supply, TWPP.
It is housed in a Haliburton case like the case the Transworld TW100F is in.
Thank you,
Pat

649. TW100 for Sale

Yahoo group: transworld_radio
Date: 2011-04-25 03:54:44 UTC
From: Mike Craig
Topic: 649 Message: 649

Tentatively sold pending receipt of funds. That was fast - about 5 hours. Sold through eHam.

Mike, WA7TN

650. TW100RX

Yahoo group: transworld_radio
Date: 2011-04-25 22:02:58 UTC
From: David
Topic: 650 Message: 650

Hello everyone

I have a set TW100 radios, one for RX and one for TX. the radios were stored too long and now do not work. Anyone with information about these? I am interested in mainly the information of the module M1 RX side.

thanks in advance.

David.

PD. my mother language is Spanish, sorry.

651. Transworld TW 100 MP & RAT 100 MP

Yahoo group: transworld_radio
Date: 2011-04-29 02:54:54 UTC
From: pasqualelombardi
Topic: 448 Message: 651

Hi George,
I recently received a Transworld RT100MP and RAT100MP. Do you have any info on it.
They both use a mount.
Do you have any info on the mounts?
Thank you George,
Pat

<http://geo.yahoo.com/serv?s=97359714/grpId=11169340/grpspId=1708396379/msgId=456/stime=1232317262/nc1=4507179/nc2=4025291/nc3=4836041>

652. Re: [transworld_radio] Transworld TW 100 MP & RAT 100 MP

Yahoo group: transworld_radio
Date: 2011-04-29 03:06:52 UTC
From: Dennis
Topic: 448 Message: 652

Why are you sending me this stuff?
You realize I am a moderator for the transworld yahoo group so I get all that stuff?

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: pasqualelombardi <pasquale.nj@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thu, April 28, 2011 9:54:54 PM
>Subject: [transworld_radio] Transworld TW 100 MP & RAT 100 MP
>
>
>
>
>Hi George,
>I recently received a Transworld RT100MP and RAT100MP. Do you have any info on
>it.
>They both use a mount.
>Do you have any info on the mounts?
>Thank you George,
>Pat
>
>
>
>

653. RE: [transworld_radio] Transworld TW 100 MP & RAT 100 MP

Yahoo group: transworld_radio
Date: 2011-04-29 03:15:13 UTC
From: pasqualelombardi
Topic: 448 Message: 653

Too much Irish adult beverage Dennis.
Was to go only to George.
Pat, somewhere in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Dennis
Sent: Thursday, April 28, 2011 11:07 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Transworld TW 100 MP & RAT 100 MP

Why are you sending me this stuff?
You realize I am a moderator for the transworld yahoo group so I get all
that stuff?

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

From: pasqualelombardi <pasquale.nj@...>
To: transworld_radio@yahoogroups.com
Sent: Thu, April 28, 2011 9:54:54 PM
Subject: [transworld_radio] Transworld TW 100 MP & RAT 100 MP

Hi George,
I recently received a Transworld RT100MP and RAT100MP. Do you have any info
on it.
They both use a mount.
Do you have any info on the mounts?
Thank you George,
Pat

<http://geo.yahoo.com/serv?s=97359714/grpId=11169340/grpspId=1708396379/msgI
d=456/stime=1232317262/nc1=4507179/nc2=4025291/nc3=4836041>

654. TW-100 & Icom antenna tuners

Yahoo group: transworld_radio
Date: 2011-04-29 03:20:20 UTC
From: Dennis
Topic: 654 Message: 654

I have noticed here of late a heightened interest in the RAT-100 antenna tuner.

I make this post just in case you are simply looking for a compatible tuner for the TW100 family radios, & are not particularly interest in a matching system.

Last year I purchased an Icom HF/SSB marine transceiver & it's matching AT-120 tuner. I installed these in my M886 front line ambulance. This tuner will easily tune a 16ft whip down to 75 meters, & an 18ft whip to 160.

The system worked very well when mobile, but when stationary I use a TW100F FlyAway. I had to pretune the antenna with the Icom then change the coax to the FlyAway. This made changing bands a bit of a PITA.

I found an accessory connector for my FlyAway & wired an adapter for the AT-120 tuner. To my great surprise this tuner works with a TW100 like it was made for it! When the tune button is depressed, the TW100 keys in low power until the tuner tells it to stop. Great!

From what I've been able to learn, all the Icom tuners use the same method, & connector, & are functionaly interchangable. This includes the AT-120, -130, -140, & the Ham AH-4. The marine tuners often sell for much less than the ham tuners simply because people are not familiar with them.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

655. Transworld RAT100 Tuner Manual Wanted

Yahoo group: transworld_radio
Date: 2011-06-01 00:27:40 UTC
From: k2ajr
Topic: 655 Message: 655

I could use a pdf manual for the Transworld RAT100 Tuner.

I know American Milspec has the hard copy manuals but was hoping someone in the group might have a pdf they would be willing to share.

Thank you,

Alex
K2AJR

656. ALEX Transworld RAT100 Tuner

Yahoo group: transworld_radio
Date: 2011-06-01 00:35:28 UTC
From: pasqualelombardi
Topic: 655 Message: 656

Hi Alex,
I see that you are looking for a manual for the RAT100.
Does that mean that you have received the EBay tuner?
I think that I have a manual that I got from Am Milspec that you are welcome to.
Thank you,
Pat in FL.

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of k2ajr
Sent: Tuesday, May 31, 2011 8:28 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Transworld RAT100 Tuner Manual Wanted

I could use a pdf manual for the Transworld RAT100 Tuner.

I know American Milspec has the hard copy manuals but was hoping someone in the group might have a pdf they would be willing to share.

Thank you,

Alex
K2AJR

657. Re: [transworld_radio] ALEX Transworld RAT100 Tuner

Yahoo group: transworld_radio
Date: 2011-06-01 01:57:54 UTC
From: Alex J Rokowetz
Topic: 655 Message: 657

Hi Pat,

Thank you very much. Yes the tuner arrived this evening and it looks fine. It has a smaller footprint than the tuner I picked up from Eugene. As soon as I build a control cable, I'm going to test this tuner and see what I get.

Is your manual a pdf version or hard copy? I don't want to take your hard copy, I know you will need it when you get your rig up and tunning. I'm OK with buying one from American milspec, they really don't charge much. I just wanted to see if someone has a pdf so I could get started quickly. I really like to read the manual for a piece of equipment BEFORE I use it.

I'l let you know how I make out with this tuner.

Thanks again,

Alex

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: pasqualelombardi <pasquale.nj@...>
To: transworld_radio@yahoogroups.com
Sent: Tue, May 31, 2011 8:35:28 PM
Subject: [transworld_radio] ALEX Transworld RAT100 Tuner

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Thank you,
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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
On Behalf Of k2ajr
Sent: Tuesday, May 31, 2011 8:28 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Transworld RAT100 Tuner Manual Wanted

I could use a pdf manual for the Transworld RAT100 Tuner.

I know American Milspec has the hard copy manuals but was hoping someone in the group might have a pdf they would be willing to share.

Thank you,

Alex
K2AJR

658. Transworld TW100 mic connectors

Yahoo group: transworld_radio
Date: 2011-06-06 17:43:07 UTC
From: Dennis
Topic: 658 Message: 658

Fair Radio has just received a quantity of some new old stock 4 pin mic connectors suitable for use on Transworld TW100 series table top transceivers.

Phil has just added them to their on line catalog.
Amphenol number 80-176
$5.00 each
5 / $20.00
10 / $32.00

<https://www.fairradio.com/catalog.php?mode=search&keywords=80-176&submit.x=11&submit.y=11
>

Myself & friends picked some up at Dayton, they are good stuff!

KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

659. FS - TW - 100

Yahoo group: transworld_radio
Date: 2011-06-08 16:18:45 UTC
From: netravler
Topic: 659 Message: 659

For Sale: one well loved TW100

It's in good shape with the usual scraps and use marks. I'm selling to fund another one of my various projects:)

I can provide pictures just ask. Comes with manuals and a mic...

The price is $ 895.00 Shipping to only CONUS at a flat $40.00.

This item has been tested sold as is only warranty is It will not be DOA.

73's,

Paul AC0MA

660. TW500A failures & RF output transistors

Yahoo group: transworld_radio
Date: 2011-06-12 22:25:09 UTC
From: Dennis
Topic: 660 Message: 660

Last year I purchased a TW500A. Though reported as working perfectly it had several bad output devices. After a search for the proper transistors to put in it I ordered 2 matched pairs of SD-1405 & replaced 1/2 the transistors in the amp(2 out of 4 pairs). The amp seemed to work perfectly. A couple months later those remaining original devices were also replaced along with a couple of those I had already replaced(they went bad).

I got about three months use out of it then several of the RF/PA transistors failed again without warning. No bias supply issues, no excessive current drain, no heat, no apparent causes at all. I'm only driving the amp with 50 watts which is considerably less than recommended. Well I got very tired of replacing RF transistors is this thing so it has been setting for several months now.

What should I do? Some think MRF-454's might have been the original devices. Should I spend the extra & get theses. Maybe go with less gain & use MRF-421's. I don't want to ever replace these things again. Any recommendations?

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

661. Re: [transworld_radio] TW500A failures & RF output transistors

Yahoo group: transworld_radio
Date: 2011-06-13 00:49:45 UTC
From: Alex J Rokowetz
Topic: 660 Message: 661

Dennis,

I don't have a TW500A and I've never worked on one. So I can't offer you any ideas based on first hand experience with this piece of equipment. I'm sure you've taken a look at the operator/technical manual for this amplifier which is posted to the "Docs" folder in the files section of the transworld_radio group. It has the part numbers for the transistors listed in the back. Even though this is an outdated piece of equipment, Datron will sell you the parts if they have them in stock and they often have parts for their older pieces of equipment laying around.

You may want to give a call to their technical service folks and ask them if they have the part available. While you are on the phone with them, you may also want to pick their brain about your particular problem. I have called them many times and they have always been willing to listen and help me troubleshoot a problem. The main number is 760-597-1500. Ask for Jimmy Diaz or Luis Perez who are both techs in Datron's repair department.

Jimmy or Luis may even be able to tell you where you can order a replacement part without going through Datron's sales department. I used to deal with Datron on a professional level on behalf of my previous employer. After I left, they opened a personal account for me and Datron still deals with me. Datron has a 100 dollar minimum order policy, so I usually keep track of parts I need and place one order after the parts I need add up to the 100 dollar minimum. It can take awhile to reach the minimum, so sometimes I bundle my order with parts needed by other guys.

I know this doesn't help you directly, but I thought the contacts at Datron might be helpful.

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: Dennis <spike.dennis@...>
>To: transworld_radio@yahoogroups.com
>Sent: Sunday, June 12, 2011 6:25 PM
>Subject: [transworld_radio] TW500A failures & RF output transistors
>
>
>Last year I purchased a TW500A. Though reported as working perfectly it had
>several bad output devices. After a search for the proper transistors to put in
>it I ordered 2 matched pairs of SD-1405 & replaced 1/2 the transistors in the
>amp(2 out of 4 pairs). The amp seemed to work perfectly. A couple months later

>those remaining original devices were also replaced along with a couple of those
>I had already replaced(they went bad).
>
>I got about three months use out of it then several of the RF/PA transistors
>failed again without warning. No bias supply issues, no excessive current drain,
>no heat, no apparent causes at all. I'm only driving the amp with 50 watts which
>is considerably less than recommended. Well I got very tired of replacing RF
>transistors is this thing so it has been setting for several months now.
>
>What should I do? Some think MRF-454's might have been the original devices.
>Should I spend the extra & get theses. Maybe go with less gain & use MRF-421's.
>I don't want to ever replace these things again. Any recommendations?
>
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>
>
>

662. RAT7000 connector.

Yahoo group: transworld_radio
Date: 2011-07-04 05:53:18 UTC
From: onr
Topic: 662 Message: 662

Hello group.

Can somebody help me to identify the part number of the 9 pin circular connector that connects in the RAT7000 Automatic Antenna Tuner?

Thanks
Oscar
XE3LW

663. Re: [transworld_radio] RAT7000 connector.

Yahoo group: transworld_radio
Date: 2011-07-04 12:19:11 UTC
From: Alex J Rokowetz
Topic: 662 Message: 663

Oscar,

I don't have an RAT-7000 (wish I did) but I may be able to help you if you send me the connector designator for the receptacle, or send me a photograph of the receptacle. The designator should be printed or stamped on the flange of the receptacle and may read something like: "MS3102A 18-8S" or "MS3102A 18-19P".

Alex
K2AJR
belarok@...

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: onr <o_nava@...>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, July 4, 2011 1:53 AM
>Subject: [transworld_radio] RAT7000 connector.
>
>
>
>Hello group.
>
>Can somebody help me to identify the part number of the 9 pin circular connector that connects in the RAT7000 Automatic Antenna Tuner?
>
>Thanks
>Oscar
>XE3LW
>
>
>
>
>

664. Re: RAT7000 connector.

Yahoo group: transworld_radio
Date: 2011-07-04 18:59:17 UTC
From: onr
Topic: 662 Message: 664

Hi Alex

Thanks for your replay.

Here is where the problem lies, there are not connector designator, this is a plastic circular connector, but there is no part number visible anywhere there.
All I can see is the APX word in the connector´s internal side.

I wonder if the RAT100 have a similar connector.

I will send you a couple of pics direct to your email.

Oscar

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Oscar,
> Â
> I don't have an RAT-7000 (wish I did) but I may be able to help you if you send me the connector designator for the receptacle, or send me a photograph of the receptacle.Â The designator should be printed or stamped on the flange of the receptacle andÂ may readÂ something like:Â "MS3102A 18-8S" or "MS3102A 18-19P".
> Â
> Alex
> K2AJR
> belarok@...
> Â
> Â
>
> "The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
> - Cicero - 55 BC
>
> From: onr <o_nava@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Monday, July 4, 2011 1:53 AM
> >Subject: [transworld_radio] RAT7000 connector.
> >
> >
> >Â
> >Hello group.
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> >
> >Thanks
> >Oscar
> >XE3LW
> >
> >
> >
> >
> >
>

665. Re: [transworld_radio] Re: RAT7000 connector.

Yahoo group: transworld_radio
Date: 2011-07-05 02:16:39 UTC
From: Alex J Rokowetz
Topic: 662 Message: 665

Oscar,

I received the photos. Unfortunately, I'm unsure of the designator for this connector and I haven't seen one like this used in other Datron equipment. I can say for sure that none of the following tuners or tuner power supplies have a connector like the one shown in the photos: RAT100, RAT400, RAT1000, RAT10000P, or AT7000F. These equipments all use the MS3106 or MS3116 (PT-06) type connector plugs.

If no one else on this grouplist knows about the RAT7000 connector, it might be a worth a call to the folks at Datron.

Sorry I couldn't be of more help.

Alex
K2AJR
 From: onr <o_nava@...>
To: transworld_radio@yahoogroups.com
Sent: Monday, July 4, 2011 2:59 PM
Subject: [transworld_radio] Re: RAT7000 connector.

Hi Alex

Thanks for your replay.

Here is where the problem lies, there are not connector designator, this is a plastic circular connector, but there is no part number visible anywhere there.
All I can see is the APX word in the connector´s internal side.

I wonder if the RAT100 have a similar connector.

I will send you a couple of pics direct to your email.

Oscar

666. Re: RAT7000 connector.

Yahoo group: transworld_radio
Date: 2011-07-05 05:16:14 UTC
From: onr
Topic: 662 Message: 666

Alex

It looks similar to a PT-06 type connector but smaller.
I will keep looking for the connector.
Thanks

Oscar
XE3LW

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Oscar,
>
> I received the photos. Unfortunately, I'm unsure of the designator for this connector and I haven't seen one like this used in other Datron equipment. I can say for sure that none of the following tuners or tuner power supplies have a connector like the one shown in the photos: RAT100, RAT400, RAT1000, RAT10000P, or AT7000F. These equipments all use the MS3106 or MS3116 (PT-06) type connector plugs.
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>
> Sorry I couldn't be of more help.
>
> Alex
> K2AJR
> From: onr <o_nava@...>
> To: transworld_radio@yahoogroups.com
> Sent: Monday, July 4, 2011 2:59 PM
> Subject: [transworld_radio] Re: RAT7000 connector.
>
>
>
> Hi Alex
>
> Thanks for your replay.
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> Here is where the problem lies, there are not connector designator, this is a plastic circular connector, but there is no part number visible anywhere there.
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>
> I wonder if the RAT100 have a similar connector.
>
> I will send you a couple of pics direct to your email.
>
> Oscar

>

667. Re: RAT7000 connector.

Yahoo group: transworld_radio
Date: 2011-07-05 17:26:48 UTC
From: Bruno
Topic: 662 Message: 667

Oscar (XE3LW) --> Your RAT7000 is an older model. Back then, the company used a rugged plastic connector on those tuners. However, since the mid 90's, this tuner was replaced by the RAT7000"B" model and since then, they replaced that connector by the more traditional MIL type.

I am on PTO today so let me check on Wednesday morning and I should be able to tell you what is the P/N (tuner side). If it's Datron-proprietary, I will point you to the proper person and with the P/N you will be able to buy one

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/MFJ-1788 HF Loop, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

668. Re: [transworld_radio] Re: RAT7000 connector.

Yahoo group: transworld_radio
Date: 2011-07-06 00:27:32 UTC
From: Oscar Nava
Topic: 662 Message: 668

Hello Bruno

Thank you for the info and help.
I have been searching on the net and found a possible connector for the tuner.
The Conxall 3282-9SG-3?? Connector seems to be the one, but not sure 100% yet.

http://www.alliedelec.com/Images/Products/Datasheets/BM/CONXALL/CONXALL_INTERCONNECT-WIRE-AND-CABLE_3000100.PDF

It would be great to have the pin designation for this connector too.

Oscar
XE3LW

From: Bruno <w4afk@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, July 5, 2011 12:26 PM
Subject: [transworld_radio] Re: RAT7000 connector.

Oscar (XE3LW) --> Your RAT7000 is an older model. Back then, the company used a rugged plastic connector on those tuners. However, since the mid 90's, this tuner was replaced by the RAT7000"B" model and since then, they replaced that connector by the more traditional MIL type.

I am on PTO today so let me check on Wednesday morning and I should be able to tell you what is the P/N (tuner side). If it's Datron-proprietary, I will point you to the proper person and with the P/N you will be able to buy one

Bruno, W4AFK
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[FLEX-1500 w/MFJ-1788 HF Loop, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

669. Transworld TW-100F

Yahoo group: transworld_radio
Date: 2011-08-07 23:54:58 UTC
From: toyradios
Topic: 669 Message: 669

Hello - I have a Transworld TW-100F flyaway unit that needs repair.

Do anyone here know of a place that still work on these radios?

Thanks
Bill

670. Re: [transworld_radio] Transworld TW-100F

Yahoo group: transworld_radio
Date: 2011-08-08 02:35:39 UTC
From: Radio Station KW1I
Topic: 669 Message: 670

What are the problem's symptoms?

?

Dale

KW1I

-----Original Message-----
From: toyradios
Sent: Aug 7, 2011 7:54 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Transworld TW-100F

?

Hello - I have a Transworld TW-100F flyaway unit that needs repair.

Do anyone here know of a place that still work on these radios?

Thanks
Bill

671. Re: Transworld TW-100F

Yahoo group: transworld_radio
Date: 2011-08-08 11:42:36 UTC
From: Bruno
Topic: 669 Message: 671

Bill --> The original manufacturer still repairs them (Transworld became Datron World Communications Inc.) although it might be simpler and more economical if the community tried helping first ;-)

http:///www.dtwc.com

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/MFJ-1788 HF Loop (TX/RX), Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

672. Re: [transworld_radio] Re: Transworld TW-100F remote repair

Yahoo group: transworld_radio
Date: 2011-08-08 19:13:09 UTC
From: Dennis
Topic: 669 Message: 672

There would be a problem with trying to remotely diagnose & repair a FlyAway especially with someone that my not be well versed in electronics repair, or familiar with the TW100 family radios.

Even just changing out modules in the FlyAway is difficult because of the way they are stacked in two layers inside the cabinet.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
>From: Bruno <w4afk@...>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, August 8, 2011 6:42 AM
>Subject: [transworld_radio] Re: Transworld TW-100F
>
>Bill --> The original manufacturer still repairs them (Transworld became
>Datron World Communications Inc.) although it might be simpler and more
>economical if the community tried helping first ;-)
>
>http:///www.dtwc.com
>
>Bruno, W4AFK
>West Melbourne, Florida [EL98qb]
>[FLEX-1500 w/MFJ-1788 HF Loop (TX/RX), Kenwood R-2000 w/Timewave DSP-599zx
>and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX),
>various software packages for data modes]
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>Yahoo! Groups Links
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673. Re: Transworld TW-100F

Yahoo group: transworld_radio
Date: 2011-08-09 17:28:40 UTC
From: toyradios
Topic: 669 Message: 673

Tne unit powers up and I get audio, but the display is bad, so I can't see any error messages.

I hooked it up to a dipole antenna and ground and all I heard is white noise. I was able to key it up, but I don't know how much power it is putting out.

I got this surplus and would like to get it back to working condition.

Sorry, I can't be more detailed.

If any of the members on this group is experienced with servicing this radio, I would be willing to send it to you and pay for the repairs.

Thanks
Bill

--- In transworld_radio@yahoogroups.com, "toyradios" <wiyee@...> wrote:
>
> Hello - I have a Transworld TW-100F flyaway unit that needs repair.
>
> Do anyone here know of a place that still work on these radios?
>
> Thanks
> Bill
>

674. Transworld Commercial Catalog and Price List

Yahoo group: transworld_radio
Date: 2011-08-10 14:53:47 UTC
From: cr_anton
Topic: 674 Message: 674

I've uploaded a copy (in 2 parts) of the Transworld Commercial Catalog and the Transworld Commercial Price List from 1991 to the Files > Docs section. It all makes for some great reading for anyone interested in Transworld gear, particularly to see information about the accessories and how everything interconnects together. Now I just hope anyone listing their gear on that auction site doesn't take the original list prices to heart since there are still bits and pieces I'd love to buy.

Chris
VE7TOP

675. TW100 12v power connector

Yahoo group: transworld_radio
Date: 2011-08-10 14:57:42 UTC
From: cr_anton
Topic: 675 Message: 675

Does anyone have a part# or source for the 12v connector for the TW100.

thanks
Chris
VE7TOP

676. Re: [transworld_radio] TW100 12v power connector

Yahoo group: transworld_radio
Date: 2011-08-10 18:21:47 UTC
From: Radio Station KW1I
Topic: 675 Message: 676

Bill Perry made one up for me.

?

William Perry Co in 702 (Rear) Beechwood Rd, Louisville, KY, 40207 (502) 893-8724, FAX (502) 893-9220

?

?

-----Original Message-----
From: cr_anton
Sent: Aug 10, 2011 10:57 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW100 12v power connector

?

Does anyone have a part# or source for the 12v connector for the TW100.

thanks
Chris
VE7TOP

677. Re: [transworld_radio] Re: Transworld TW-100F

Yahoo group: transworld_radio
Date: 2011-08-10 18:50:15 UTC
From: GMenes
Topic: 669 Message: 677

Bill.

I have repaired a number of TW-100F's, and as long as the needed parts (active or passive) can be crossed (including the PA output transistors) the repairs are not impossible, but the replacement of certain items can be expensive.
.
Transworld/Datron keeps a limited inventory of parts in stock, and these are not many. Complete assemblies, hard coax lines, the infamous keypad, switches, the Meter and LCD Displays are not available at all, and if they were, you would be looking at high dollar items. Panel items and the attachment brackets for the Zero Case are not available, I can get the brackets milled just like the original ones with the Black anodized finish for a silly and exorbitant price.

You may not need major components for the unit, but I am just trying to give you an idea of what you may be in store for...Dollar wise.

Before I suggest you send the unit out to me or not for an evaluation, I need to ask your honest oppinion about it's physical condition. Dings, Major dents and bent panels make repairs more challenging since they will show major abuse to the unit, and this, of is not always good.

We can keep the conversation going thru Yahoo or you can email me directly at gmenes@...

George A. Menes.
KB5NBV
Kenner, Louisiana.

----- Original Message -----
From: toyradios
To: transworld_radio@yahoogroups.com
Sent: Tuesday, August 09, 2011 12:28 PM
Subject: [transworld_radio] Re: Transworld TW-100F

Tne unit powers up and I get audio, but the display is bad, so I can't see any error messages.

I hooked it up to a dipole antenna and ground and all I heard is white noise. I was able to key it up, but I don't know how much power it is putting out.

I got this surplus and would like to get it back to working condition.

Sorry, I can't be more detailed.

If any of the members on this group is experienced with servicing this radio, I would be willing to send it to you and pay for the repairs.

Thanks
Bill

--- In transworld_radio@yahoogroups.com, "toyradios" <wiyee@...> wrote:
>
> Hello - I have a Transworld TW-100F flyaway unit that needs repair.
>
> Do anyone here know of a place that still work on these radios?
>
> Thanks
> Bill
>

678. Re: [transworld_radio] TW100 12v power connector

Yahoo group: transworld_radio
Date: 2011-08-10 19:38:07 UTC
From: wctaylor@juno.com
Topic: 675 Message: 678

It's made by AMP. I bought some from a local supplier here it West Texas.
I'm at work right now, when I get home I'll look up the part numbers. Also,
I think I have a spare set.

Bill
KD4LXC

Sent via DROID on Verizon Wireless

-----Original message-----
From: Radio Station KW1I <kw1i@...>
To: transworld_radio@yahoogroups.com
Sent: Wed, Aug 10, 2011 18:21:47 GMT+00:00
Subject: Re: [transworld_radio] TW100 12v power connector

_____
Penny Stock Jumping 3000%
Sign up to the #1 voted penny stock newsletter for free today!
http://thirdpartyoffers.juno.com/TGL3141/4e42de13185c9538664st02vuc

679. TW7000-Mic

Yahoo group: transworld_radio
Date: 2011-08-13 03:26:08 UTC
From: Sid
Topic: 679 Message: 679

I need a mic for a TW7000, but can not seem to locate one. Does anyone have a source or do you know the type of connector that is used on the mic cable. This is the small round, 6 pin male connector that connects to the front panel. I believe the TW7000 uses a Shure mic, model 527, I believe. Does the factory mic have the model with or without the pre-amp? Thanks. Sid.

680. Re: TW7000-Mic

Yahoo group: transworld_radio
Date: 2011-08-13 12:50:20 UTC
From: Bruno
Topic: 679 Message: 680

Sid --> Datron sells several models of mics. The two most common mics for the TW7000 series are P/N "PM" (Palm Mic) and "DM" (Desk Mic). The connectors used are from Hirose (might be the HR10 type but not 100% sure). Also, none of the mics have preamps. That's because the radios use VOGAD (Voice Operated Gain Adjustment Device) which in essence is a form of compressor. Contact Datron's customer service customerservice@... <mailto:support@...> (http://www.dtwc.com)

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/MFJ-1788 HF Loop (TX/RX), Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

681. Re: TW100 12v power connector

Yahoo group: transworld_radio
Date: 2011-08-13 13:44:10 UTC
From: Alex J Rokowetz
Topic: 675 Message: 681

Hello Bill,

Is this the DC connector that was used on the early TW100 radios or the later version? If the later version, I could certainly use a source and the part number. When you get a chance, would you please let me know the source and part number?

Thanks,

Alex
K2AJR

--- In transworld_radio@yahoogroups.com, "wctaylor@..."<wctaylor@...> wrote:
>
> It's made by AMP. I bought some from a local supplier here it West Texas.
> I'm at work right now, when I get home I'll look up the part numbers. Also,
> I think I have a spare set.
>
> Bill
> KD4LXC
>
> Sent via DROID on Verizon Wireless
>
> -----Original message-----
> From: Radio Station KW1I <kw1i@...>
> To: transworld_radio@yahoogroups.com
> Sent: Wed, Aug 10, 2011 18:21:47 GMT+00:00
> Subject: Re: [transworld_radio] TW100 12v power connector
>
>
> _____
> Penny Stock Jumping 3000%
> Sign up to the #1 voted penny stock newsletter for free today!
> http://thirdpartyoffers.juno.com/TGL3141/4e42de13185c9538664st02vuc
>

682. Re: TW7000-Mic

Yahoo group: transworld_radio
Date: 2011-08-14 19:10:17 UTC
From: Sid
Topic: 679 Message: 682

Thanks. I need the PM (hand-mic) style. While I would like to have a complete mic, the mic is not the main problem, finding the right connector is the real issue. Sid

--- In transworld_radio@yahoogroups.com, "Bruno" <w4afk@...> wrote:
>
> Sid --> Datron sells several models of mics. The two most common mics for
> the TW7000 series are P/N "PM" (Palm Mic) and "DM" (Desk Mic). The
> connectors used are from Hirose (might be the HR10 type but not 100% sure).
> Also, none of the mics have preamps. That's because the radios use VOGAD
> (Voice Operated Gain Adjustment Device) which in essence is a form of
> compressor. Contact Datron's customer service customerservice@...
> <mailto:support@...> (http://www.dtwc.com)
>
> Bruno, W4AFK
> West Melbourne, Florida [EL98qb]
> [FLEX-1500 w/MFJ-1788 HF Loop (TX/RX), Kenwood R-2000 w/Timewave DSP-599zx
> and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX),
> various software packages for data modes]
>

683. Re: TW7000-Mic

Yahoo group: transworld_radio
Date: 2011-08-15 20:04:10 UTC
From: Sid
Topic: 679 Message: 683

Thanks guys, problem solved as I found a mic locally. However, for future reference,I believe the connector is a Hirose SR-30 series connector. Sid.

--- In transworld_radio@yahoogroups.com, "Sid" <purvissid@...> wrote:
>
> Thanks. I need the PM (hand-mic) style. While I would like to have a complete mic, the mic is not the main problem, finding the right connector is the real issue. Sid
>
> --- In transworld_radio@yahoogroups.com, "Bruno" <w4afk@> wrote:
> >
> > Sid --> Datron sells several models of mics. The two most common mics for
> > the TW7000 series are P/N "PM" (Palm Mic) and "DM" (Desk Mic). The
> > connectors used are from Hirose (might be the HR10 type but not 100% sure).
> > Also, none of the mics have preamps. That's because the radios use VOGAD
> > (Voice Operated Gain Adjustment Device) which in essence is a form of
> > compressor. Contact Datron's customer service customerservice@
> > <mailto:support@> (http://www.dtwc.com)
> >
> > Bruno, W4AFK
> > West Melbourne, Florida [EL98qb]
> > [FLEX-1500 w/MFJ-1788 HF Loop (TX/RX), Kenwood R-2000 w/Timewave DSP-599zx
> > and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX),
> > various software packages for data modes]
> >
>

684. RT100/MP Toggle Switch Boots

Yahoo group: transworld_radio
Date: 2011-08-24 00:06:45 UTC
From: Alex J Rokowetz
Topic: 684 Message: 684

Group,

Oscar,

Ricardo,

The silicone toggle switch boots on my RT-100 are old and dried out and have cracked... making them vulnerable to water intrusion. Datron no longer carries the boots but I was able to get the part number from Datron.

The manufacturer is APM Hexseal. http://apmhexseal.com/ProdSearch_details.aspx?PID=44

The boots are available for purchase from Mouser.com for $3.14 USD each.

http://www.mouser.com/ProductDetail/APM-HEXSEAL/N5032B/?qs=sGAEpiMZZMtaJrRyqs1cXaFVQyAF8TtwVZcECaq3eE8%3d

I thought other RT100 owners may have radios with cracked boots, so I am sharing this information with you in case you would like to replace them.

Alex
K2AJR

685. RE: [transworld_radio] RT100/MP Toggle Switch Boots

Yahoo group: transworld_radio
Date: 2011-08-24 02:13:54 UTC
From: Pasquale Lombardi
Topic: 684 Message: 685

Hi Alex, Is the Verizon job over?
Thanks for locating the correct boot.

I guess we are each ordering as I don't see a very big break in group pricing.

So, what are you up to now?
Pat in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Tuesday, August 23, 2011 8:07 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT100/MP Toggle Switch Boots

Group,

Oscar,

Ricardo,

The silicone toggle switch boots on my RT-100 are old and dried out and have cracked... making them vulnerable to water intrusion. Datron no longer carries the boots but I was able to get the part number from Datron.

The manufacturer is APM Hexseal.
http://apmhexseal.com/ProdSearch_details.aspx?PID=44

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http://www.mouser.com/ProductDetail/APM-HEXSEAL/N5032B/?qs=sGAEpiMZZMtaJrRyqs1cXaFVQyAF8TtwVZcECaq3eE8%3d

I thought other RT100 owners may have radios with cracked boots, so I am sharing this information with you in case you would like to replace them.

Alex
K2AJR

686. Re: [transworld_radio] RT100/MP Toggle Switch Boots

Yahoo group: transworld_radio
Date: 2011-08-24 02:37:33 UTC
From: Alex J Rokowetz
Topic: 684 Message: 686

Hi Pat,

My tour ends tonite at midnight. After myshift ends I'll head back to hotel and leeave for NY sometime tomorrow. I applied for a good job within this group while I was here, but the director says HR won't let him hire anyone who is not "diverse". He knows me, so I suppose he is comfortable being up front and honest with me. I often wonder how many other jobs I apply for are reserved for "diverse" people.

Right now I am on the 40M uSB net but there is a a lot of interference from a nreaby broacast station.

Alex

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: Pasquale Lombardi <pasquale.nj@...>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, August 23, 2011 10:13 PM
>Subject: RE: [transworld_radio] RT100/MP Toggle Switch Boots
>
>
>
>Hi Alex, Is the Verizon job over?
>Thanks for locating the correct boot.
>I guess we are each ordering as I don’t see a very big break in group pricing.
>So, what are you up to now?
>Pat in NJ
>
>
>From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
>Sent: Tuesday, August 23, 2011 8:07 PM
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] RT100/MP Toggle Switch Boots
>
>
>Group,
>
>Oscar,
>
>Ricardo,
>

>The silicone toggle switch boots on my RT-100 are old and dried out and have cracked... making them vulnerable to water intrusion. Datron no longer carries the boots but I was able to get the part number from Datron.
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>The manufacturer is APM Hexseal. http://apmhexseal.com/ProdSearch_details.aspx?PID=44
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>
>http://www.mouser.com/ProductDetail/APM-HEXSEAL/N5032B/?qs=sGAEpiMZZMtaJrRyqs1cXaFVQyAF8TtwVZcECaq3eE8%3d
>
>I thought other RT100 owners may have radios with cracked boots, so I am sharing this information with you in case you would like to replace them.
>
>Alex
>K2AJR
>
>
>

687. Apology

Yahoo group: transworld_radio
Date: 2011-08-24 02:58:11 UTC
From: Alex J Rokowetz
Topic: 684 Message: 687

Group,

My apologies. I didn't realize that this email went to the group. I meant to send it directly to Pat. I think I'm too tired.

Sorry.

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: Alex J Rokowetz <belarok@...>
>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Tuesday, August 23, 2011 10:37 PM
>Subject: Re: [transworld_radio] RT100/MP Toggle Switch Boots
>
>
>
>Hi Pat,
>
>My tour ends tonite at midnight. After myshift ends I'll head back to hotel and leeave for NY sometime tomorrow. I applied for a good job within this group while I was here, but the director says HR won't let him hire anyone who is not "diverse". He knows me, so I suppose he is comfortable being up front and honest with me. I often wonder how many other jobs I apply for are reserved for "diverse" people.
>
>Right now I am on the 40M uSB net but there is a a lot of interference from a nreaby broacast station.
>
>Alex
>
>
>
>"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
>- Cicero - 55 BC
>
>From: Pasquale Lombardi <pasquale.nj@...>
>>To: transworld_radio@yahoogroups.com

>>Sent: Tuesday, August 23, 2011 10:13 PM
>>Subject: RE: [transworld_radio] RT100/MP Toggle Switch Boots
>>
>>
>>
>>Hi Alex, Is the Verizon job over?
>>Thanks for locating the correct boot.
>>I guess we are each ordering as I don’t see a very big break in group pricing.
>>So, what are you up to now?
>>Pat in NJ
>>
>>
>>From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
>>Sent: Tuesday, August 23, 2011 8:07 PM
>>To: transworld_radio@yahoogroups.com
>>Subject: [transworld_radio] RT100/MP Toggle Switch Boots
>>
>>
>>Group,
>>
>>Oscar,
>>
>>Ricardo,
>>
>>The silicone toggle switch boots on my RT-100 are old and dried out and have cracked... making them vulnerable to water intrusion. Datron no longer carries the boots but I was able to get the part number from Datron.
>>
>>The manufacturer is APM Hexseal. http://apmhexseal.com/ProdSearch_details.aspx?PID=44
>>
>>The boots are available for purchase from Mouser.com for $3.14 USD each.
>>
>>http://www.mouser.com/ProductDetail/APM-HEXSEAL/N5032B/?qs=sGAEpiMZZMtaJrRyqs1cXaFVQyAF8TtwVZcECaq3eE8%3d
>>
>>I thought other RT100 owners may have radios with cracked boots, so I am sharing this information with you in case you would like to replace them.
>>
>>Alex
>>K2AJR
>>
>>
>
>
>

688. Alex Midnight

Yahoo group: transworld_radio
Date: 2011-08-24 04:37:54 UTC
From: Pasquale Lombardi
Topic: 684 Message: 688

Hi Alex,

Well, It is after midnight so you put in a full day.

Job, a tough thing.

I think that our son is getting laid off and he has 3 children.

I wish I had been on the net, but alas, no test yet.

I leave for FL Thursday morning.

Pat in NJ

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Tuesday, August 23, 2011 10:38 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] RT100/MP Toggle Switch Boots

Hi Pat,

My tour ends tonite at midnight. After myshift ends I'll head back to hotel and leeave for NY sometime tomorrow. I applied for a good job within this group while I was here, but the director says HR won't let him hire anyone who is not "diverse". He knows me, so I suppose he is comfortable being up front and honest with me. I often wonder how many other jobs I apply for are reserved for "diverse" people.

Right now I am on the 40M uSB net but there is a a lot of interference from a nreaby broacast station.

Alex

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: Pasquale Lombardi <pasquale.nj@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, August 23, 2011 10:13 PM
Subject: RE: [transworld_radio] RT100/MP Toggle Switch Boots

Hi Alex, Is the Verizon job over?
Thanks for locating the correct boot.

I guess we are each ordering as I don’t see a very big break in group pricing.

So, what are you up to now?
Pat in NJ

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Tuesday, August 23, 2011 8:07 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT100/MP Toggle Switch Boots

Group,

Oscar,

Ricardo,

The silicone toggle switch boots on my RT-100 are old and dried out and have cracked... making them vulnerable to water intrusion. Datron no longer carries the boots but I was able to get the part number from Datron.

The manufacturer is APM Hexseal. http://apmhexseal.com/ProdSearch_details.aspx?PID=44

The boots are available for purchase from Mouser.com for $3.14 USD each.

http://www.mouser.com/ProductDetail/APM-HEXSEAL/N5032B/?qs=sGAEpiMZZMtaJrRyqs1cXaFVQyAF8TtwVZcECaq3eE8%3d

I thought other RT100 owners may have radios with cracked boots, so I am sharing this information with you in case you would like to replace them.

Alex
K2AJR

689. TW7000 & TW7000F Mic Connector

Yahoo group: transworld_radio
Date: 2011-08-25 17:10:07 UTC
From: Alex J Rokowetz
Topic: 679 Message: 689

The part numbers as furnished by Datron's tchnical support team are:

Connector, 6 pin miniature mic Datron p/n: 610017, Vendor: HIROSE, p/n SR30-10PM-6P(71)

Tool crimp, Datron p/n: 666002, Vendor: HIROSE, p/n: SR30-10PM-T

Alex
K2AJR

--- In transworld_radio@yahoogroups.com, "Sid" <purvissid@...> wrote:

Thanks guys, problem solved as I found a mic locally. However, for future reference,I believe the connector is a Hirose SR-30 series connector. Sid.

690. Re: TW7000 & TW7000F Mic Connector

Yahoo group: transworld_radio
Date: 2011-08-25 21:03:12 UTC
From: Sid
Topic: 679 Message: 690

Alex, thanks much, that helps. Sid.

--- In transworld_radio@yahoogroups.com, "Alex J Rokowetz" <belarok@...> wrote:
>
> The part numbers as furnished by Datron's tchnical support team are:
>
> Connector, 6 pin miniature mic Datron p/n: 610017, Vendor: HIROSE, p/n SR30-10PM-6P(71)
>
> Tool crimp, Datron p/n: 666002, Vendor: HIROSE, p/n: SR30-10PM-T
>
> Alex
> K2AJR
>
>
> --- In transworld_radio@yahoogroups.com, "Sid" <purvissid@> wrote:
>
> Thanks guys, problem solved as I found a mic locally. However, for future reference,I believe the connector is a Hirose SR-30 series connector. Sid.
>

691. Newbie, Looking for Connector for TW1000

Yahoo group: transworld_radio
Date: 2011-09-16 15:27:46 UTC
From: eldoreth2002
Topic: 691 Message: 691

Looking for Connector on the rear of the TW1000.
Cannon male plug, circular/round in description, with pins "A" through "J" on page 14 of the TW1000 manual, shows "A" through "J" on right, marked "alternate socket."

I am a newbie to this group, licensed age 6 and turning 65 this October. My call sign is K5SBL. I think this is really a great group.

TNX/73 Steve

692. Re: [transworld_radio] Newbie, Looking for Connector for TW1000

Yahoo group: transworld_radio
Date: 2011-09-16 15:57:15 UTC
From: Alex J Rokowetz
Topic: 691 Message: 692

Steve,

Welcome to the group.

You will need several parts to build this connector.
1. Plug with Solid Shell - P/N MS3106A18-1S or 973106A18-1S may be used.
2. Cable Clamp - P/N - MS3057-10 or 973057-10 may be used.
3. Bushing - P/N 3420-10 or 9779-513-10 may be used.
If you are going to use a really small diameter control cable, you can "build up" the diameter by stacking succesively sized bushings on top of each other (ie. 3420-6 within 3420-8 within 3420-10).

OR, you can opt for a reducing clamp, P/N MS3057-10-6 which mates with bushing P/N 3420-6. You would order these parts IN PLACE OF MS3057-10 and 3420-10.

The MS and 97 series are virtually identical. I believe the only difference is that MS series are "qualified" for use within the military. Otherwise... they look, feel, and smell the same. These parts are easily sourced from vendors like Mouser, Newark, Allied Electronics and others.

Just out of curiosity, which transceiver will you use i/c/w this amplifier?

Good luck,

Alex
K2AJR
"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: eldoreth2002 <jennyjewl@hotmail.com>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, September 16, 2011 11:27 AM
>Subject: [transworld_radio] Newbie, Looking for Connector for TW1000
>
>
>
>Looking for Connector on the rear of the TW1000.
>Cannon male plug, circular/round in description, with pins "A" through "J" on page 14 of the TW1000 manual, shows "A" through "J" on right, marked "alternate socket."
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>I am a newbie to this group, licensed age 6 and turning 65 this October. My call sign is K5SBL. I think this is really a great group.
>
>TNX/73 Steve

>
>
>
>
>

693. RE: [transworld_radio] Newbie, Looking for Connector for TW1000

Yahoo group: transworld_radio
Date: 2011-09-16 16:23:04 UTC
From: Pasquale Lombardi
Topic: 691 Message: 693

Hi Alex,

I did not listen today as I took my grandson to the gym.

That seems like a nice amp.

It is the amp he is talking about isn't it. Yes, I see it is.

Pat

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Friday, September 16, 2011 11:57 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Newbie, Looking for Connector for TW1000

Steve,

Welcome to the group.

You will need several parts to build this connector.

1. Plug with Solid Shell - P/N MS3106A18-1S or 973106A18-1S may be
used.

2. Cable Clamp - P/N - MS3057-10 or 973057-10 may be used.

3. Bushing - P/N 3420-10 or 9779-513-10 may be used.

If you are going to use a really small diameter control cable, you can
"build up" the diameter by stacking succesively sized bushings on top of
each other (ie. 3420-6 within 3420-8 within 3420-10).

OR, you can opt for a reducing clamp, P/N MS3057-10-6 which mates with
bushing P/N 3420-6. You would order these parts IN PLACE OF MS3057-10 and
3420-10.

The MS and 97 series are virtually identical. I believe the only difference
is that MS series are "qualified" for use within the military. Otherwise...
they look, feel, and smell the same. These parts are easily sourced from
vendors like Mouser, Newark, Allied Electronics and others.

Just out of curiosity, which transceiver will you use i/c/w this amplifier?

Good luck,

Alex

K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: eldoreth2002 <jennyjewl@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, September 16, 2011 11:27 AM
Subject: [transworld_radio] Newbie, Looking for Connector for TW1000

Looking for Connector on the rear of the TW1000.
Cannon male plug, circular/round in description, with pins "A" through "J" on page 14 of the TW1000 manual, shows "A" through "J" on right, marked "alternate socket."

I am a newbie to this group, licensed age 6 and turning 65 this October. My call sign is K5SBL. I think this is really a great group.

TNX/73 Steve

694. Re: Newbie, Looking for Connector for TW1000

Yahoo group: transworld_radio
Date: 2011-09-17 13:55:35 UTC
From: eldoreth2002
Topic: 691 Message: 694

Alex,K2AJR,
I really appreciate your quick response. After re-reviewing page 14 of the TW1000 manual, I find that the circular plug that we have discussed is going to be hard to find, to some degree, and make up for me. On page 14 the SQUARE rear socket, SO.3 plus probably would be easier to find. Do you have any idea who may carry this particular male plug?

The transceivers that I would use with this amplifier are the same that I have used before, and they are a pair of Kenwood TS-950-SDX. Any help that you might offer would be appreciated, I am willing to pay for the plug, and I feel that it would be easier to terminate. Simply solder it up. The only terminals that I will be using on the SO.3 would be pins 9 GND, 10 PTT, and 12 ALC.

Thanks for your help and anyone else who may have information would be greatly appreciated regarding this SO.3 for the TW1000 amplifier, rear panel plug.

TNX, 73 Steve, K5SBL

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Steve,
> Â
> Welcome to the group.
> Â
> You willÂ need several parts to build this connector.
> 1. Plug with Solid Shell -Â P/NÂ MS3106A18-1S or 973106A18-1S mayÂ be used.
> 2. Cable Clamp - P/N - MS3057-10 or 973057-10 may be used.
> 3. Bushing - P/N 3420-10 or 9779-513-10 may be used.
> If you are going to use a really small diameter control cable, you can "build up" the diameter by stacking succesively sized bushings on top of each other (ie. 3420-6 within 3420-8 within 3420-10).Â
> Â
> OR, youÂ canÂ opt for a reducing clamp, P/N MS3057-10-6Â which mates with bushing P/N 3420-6.Â You would order these parts IN PLACE OF MS3057-10 and 3420-10.
> Â
> The MS and 97 series are virtually identical.Â I believe the only difference is that MS series are "qualified" for use within the military.Â Otherwise... they look, feel, and smell the same.Â These parts are easily sourced from vendors like Mouser, Newark, Allied Electronics and others.
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> Just out of curiosity, which transceiver will you use i/c/w this amplifier?
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> Good luck,
> Â
> Alex
> K2AJRÂ
> "The budget should be balanced, the Treasury should be refilled, public debt should be

reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
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> From: eldoreth2002 <jennyjewl@...>
> >To: transworld_radio@yahoogroups.com
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> >
> >Â
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> >TNX/73 Steve
> >
> >
> >
> >
> >
>

695. Re: [transworld_radio] Re: Newbie, Looking for Connector for TW1000

Yahoo group: transworld_radio
Date: 2011-09-17 14:28:51 UTC
From: Alex J Rokowetz
Topic: 691 Message: 695

Steve,

I am not familiar with the square connectors, I am more familiar with the round connectors. I looked in my junk pile and have a used cutoff that I can send you. I have already emailed you off list with photos of the connector. I f you don't see my email in your inbox, check your spam folder.

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: eldoreth2002 <jennyjewl@...>
>To: transworld_radio@yahoogroups.com
>Sent: Saturday, September 17, 2011 9:55 AM
>Subject: [transworld_radio] Re: Newbie, Looking for Connector for TW1000
>
>
>
>Alex,K2AJR,
>I really appreciate your quick response. After re-reviewing page 14 of the TW1000 manual, I find that the circular plug that we have discussed is going to be hard to find, to some degree, and make up for me. On page 14 the SQUARE rear socket, SO.3 plus probably would be easier to find. Do you have any idea who may carry this particular male plug?
>
>The transceivers that I would use with this amplifier are the same that I have used before, and they are a pair of Kenwood TS-950-SDX. Any help that you might offer would be appreciated, I am willing to pay for the plug, and I feel that it would be easier to terminate. Simply solder it up. The only terminals that I will be using on the SO.3 would be pins 9 GND, 10 PTT, and 12 ALC.
>
>Thanks for your help and anyone else who may have information would be greatly appreciated regarding this SO.3 for the TW1000 amplifier, rear panel plug.
>
>TNX, 73 Steve, K5SBL
>
>--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>>
>> Steve,
>> Â
>> Welcome to the group.
>> Â

>> You willÂ need several parts to build this connector.
>> 1. Plug with Solid Shell -Â P/NÂ MS3106A18-1S or 973106A18-1S mayÂ be used.
>> 2. Cable Clamp - P/N - MS3057-10 or 973057-10 may be used.
>> 3. Bushing - P/N 3420-10 or 9779-513-10 may be used.
>> If you are going to use a really small diameter control cable, you can "build up" the diameter by stacking succesively sized bushings on top of each other (ie. 3420-6 within 3420-8 within 3420-10).Â
>> Â
>> OR, youÂ canÂ opt for a reducing clamp, P/N MS3057-10-6Â which mates with bushing P/N 3420-6.Â You would order these parts IN PLACE OF MS3057-10 and 3420-10.
>> Â
>> The MS and 97 series are virtually identical.Â I believe the only difference is that MS series are "qualified" for use within the military.Â Otherwise... they look, feel, and smell the same.Â These parts are easily sourced from vendors like Mouser, Newark, Allied Electronics and others.
>> Â
>> Just out of curiosity, which transceiver will you use i/c/w this amplifier?
>> Â
>> Good luck,
>> Â
>> Alex
>> K2AJRÂ
>> "The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
>> - Cicero - 55 BC
>>
>> From: eldoreth2002 <jennyjewl@...>
>> >To: transworld_radio@yahoogroups.com
>> >Sent: Friday, September 16, 2011 11:27 AM
>> >Subject: [transworld_radio] Newbie, Looking for Connector for TW1000
>> >
>> >
>> >Â
>> >Looking for Connector on the rear of the TW1000.
>> >Cannon male plug, circular/round in description, with pins "A" through "J" on page 14 of the TW1000 manual, shows "A" through "J" on right, marked "alternate socket."
>> >
>> >I am a newbie to this group, licensed age 6 and turning 65 this October. My call sign is K5SBL. I think this is really a great group.
>> >
>> >TNX/73 Steve
>> >
>> >
>> >
>> >
>> >
>>
>

>
>
>
>

696. RA-400 Service Manual

Yahoo group: transworld_radio
Date: 2011-09-17 18:13:05 UTC
From: onr
Topic: 696 Message: 696

Hello group.

I am looking for the RA400 linear amplifier´s service manual.
I already have the operator´s manual, but it lacks of the diagrams and technical information I need to check for some possible issues in one or both of the PA modules.

In advance,
Thank you.
Oscar-Xe3lw

697. TW5201 remote control

Yahoo group: transworld_radio
Date: 2011-09-20 23:52:46 UTC
From: Larry
Topic: 691 Message: 697

I have a TW5201 remote control for the TW100 series radios available if anyone needs one.
Larry/K6ZIV

698. Transworld SELCALL and TRANSCALL features

Yahoo group: transworld_radio
Date: 2011-10-13 13:09:22 UTC
From: Alex J Rokowetz
Topic: 698 Message: 698

Group List Members,

Some Transworld radios are equipped with a feature known as selective calling (SELCALL). SELCALL equipped radios have a unique three digit code and can "call" other SELCALL equipped radios. When the calling station establishes a connection with the called station, a tone is heard at both stations and the operators can begin transmitting with each other.

There is also a similar optional feature called TRANSCALL that involves selective calling and maintaining a QSO over multiple channels via the synchronized stepping through a prearranged set of channels. A group of channels is already available for this use through the HFLINK network.

http://hflink.com/selcall/
http://hflink.com/selcall/channels/

If any of the group list members would like to intiate a SELCALL QSO or TRANSCALL QSO, please responsd to this message or email me directly at k2ajr@...

If you have experience maing SELCALL or TRANSCALL calls, I would also welcome hearing from you.

73,

Alex
K2AJR

----- Forwarded Message -----
From: expeditionradio <expeditionradio@...>
To: hflink@yahoogroups.com
Sent: Monday, October 10, 2011 6:16 AM
Subject: [hflink] Re: Transworld RT100 Selcall

Hi Alex,

ALL TYPES of Selcall are invited to participate in
the ham radio selcall system and selcall channel freqs.

As far as I know, the Transworld selcall system is
not compatible with type CCIR 493-4 or Marine DSC
SELCALL systems that the majority of operators are using.

But, that should not stop you from operating selcall
with your Transworld. Even though Transworld selcall
radios are in the minority, I would imagine that there
are operators with Transworld selcall radios who would
be interested.

All types of selcall are allowed in the Phone bands in
USA under FCC rules. Just be sure to add a voice ID
when you transmit your selcall signals. Here's the
FCC rules about selcall: §97.3c (5) & §2.201
"Incidental tones for the purpose of selective
calling or alerting or to control the level of
a demodulated signal may also be considered phone."
More info:
http://hflink.com/alehamradiousa/

Bonnie Crystal KQ6XA, VR2KQ6XA

> Alex K2AJR wrote:
> Has anyone used the Transworld selcall system on
> the HFlink selcall network? Anyone know if it's compatible?

699. Add your Transworld to Ham Radio Selcall Database

Yahoo group: transworld_radio
Date: 2011-10-14 03:30:23 UTC
From: expeditionradio
Topic: 698 Message: 699

The Ham Radio Selcall Database includes selcall
numbers of ham operators using various types of
Selective Calling systems (SELCALL or TRANSCALL).

Hams with Transworld Selcall or Transcall are
encouraged to register selcall numbers in the
database, to enable better communication with other hams.

http://groups.yahoo.com/group/hflink/database?method=reportRows&tbl=15

To register your Selcall numbers, please contact me by
direct email, and I will be happy to assist with your entry.

Please include the following information
NAME
CALLSIGN
SELCALL NUMBER
RADIO MODEL

Regards,
Bonnie Crystal KQ6XA, VR2KQ6XA
expeditionradio @ yahoo.com

700. International Ham Radio HF SELCALL Channels

Yahoo group: transworld_radio
Date: 2011-10-14 04:06:44 UTC
From: expeditionradio
Topic: 700 Message: 700

International Ham Radio HF SELCALL Channels
(all these selcall frequencies are UpperSideBand voice)
Freq kHz
1840.0 USB
3585.0 USB (Europe/Australia/Asia/S.America)
3845.0 USB (North America)
7195.0 USB
10144.0 USB
14342.5 USB
18157.5 USB
21427.5 USB
24977.5 USB
28327.5 USB

More info:
http://hflink.com/selcall/channels/

Regards,
Bonnie KQ6XA, VR2KQ6XA

701. Re: International Ham Radio HF SELCALL Channels

Yahoo group: transworld_radio
Date: 2011-10-14 04:25:03 UTC
From: expeditionradio
Topic: 700 Message: 701

Update:
Sorry, I forgot to list the international Ham
Radio 5MHz Selcall freq:
5403.5 USB

(Reminder to USA hams: FCC rules have not been
changed yet to allow selcall on 5MHz yet.
60 meters is only voice UpperSideBand for USA.)

Regards,
Bonnie KQ6XA, VR2KQ6XA

> International Ham Radio HF SELCALL Channels
> (all these selcall frequencies are UpperSideBand voice)
> Freq kHz
> 1840.0 USB
> 3585.0 USB (Europe/Australia/Asia/S.America)
> 3845.0 USB (North America)
> 7195.0 USB
> 10144.0 USB
> 14342.5 USB
> 18157.5 USB
> 21427.5 USB
> 24977.5 USB
> 28327.5 USB
>
> More info:
> http://hflink.com/selcall/channels/

702. TW7000 service manual

Yahoo group: transworld_radio
Date: 2011-10-25 21:44:02 UTC
From: a1elg1
Topic: 702 Message: 702

Hello,
Does anyone know where I could download a copy of a TW7000
service manual?

when start up appears an error about the If board.

thank you.

Ed
0A4BSA

703. Re: [transworld_radio] TW7000 service manual

Yahoo group: transworld_radio
Date: 2011-10-25 22:40:25 UTC
From: Alex J Rokowetz
Topic: 702 Message: 703

Hello Eduardo,

If no one has a copy available on this group, a downloadable pdf file is available from American Milspec for small money. They even have a Spanish language version available TW7000-MSSP.

http://www.american-milspec.com/c-40-tw-7000-and-related-manuals.aspx

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

>_____
>From: a1elg1 <a1elg1@...>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, October 25, 2011 5:44 PM
>Subject: [transworld_radio] TW7000 service manual
>
>
>
>Hello,
>Does anyone know where I could download a copy of a TW7000
>service manual?
>
>when start up appears an error about the If board.
>
>thank you.
>
>Ed
>0A4BSA
>
>
>
>
>

704. Re: [transworld_radio] TW7000 service manual

Yahoo group: transworld_radio
Date: 2011-10-26 21:28:54 UTC
From: Eduardo Leiva
Topic: 702 Message: 704

Thank you very much Alex,

I will check the link to get the manual.

All the best,
Ed / OA4BSA

From: Alex J Rokowetz <belarok@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Tuesday, October 25, 2011 5:40 PM
Subject: Re: [transworld_radio] TW7000 service manual

Hello Eduardo,

If no one has a copy available on this group, a downloadable pdf file is available from American Milspec for small money. They even have a Spanish language version available TW7000-MSSP.

http://www.american-milspec.com/c-40-tw-7000-and-related-manuals.aspx

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

From: a1elg1 <a1elg1@...>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, October 25, 2011 5:44 PM
>Subject: [transworld_radio] TW7000 service manual
>
>
>
>Hello,
>Does anyone know where I could download a copy of a TW7000
>service manual?
>
>when start up appears an error about the If board.
>
>thank you.
>
>Ed
>0A4BSA

>
>
>
>

705. TW100S programming help needed

Yahoo group: transworld_radio
Date: 2011-11-07 00:56:43 UTC
From: Spike
Topic: 705 Message: 705

Does anyone have the instructions/chart for programming the frequency via diode placement on a matrix board on the TW100S series, (the radio without the keypad) it has a channel selector switch on the front.

Thanks

breck k4che
email
smithab11 at comcast dot net

706. TW100S Channel Programming

Yahoo group: transworld_radio
Date: 2011-11-11 23:38:29 UTC
From: Alex J Rokowetz
Topic: 706 Message: 706

In response to post #705, I secured a copy of the programing instructions for the TW100S radio. This version of the TW100 transceiver was offfered by Transworld in the 1990s and only had a small number of channels (either four or ten channels) that were selected by the user via a dial on the front panel of the radio. The channels were programmed via the placement of diaodes on a matrix board within the radio. This version of the TW100 was much less expensive than the standard TW100 or TW100 flyaway radios with which most of us are familiar.

I've scanned the channel programming documentation to PDF format, but unfortunately the document is too large to post to this group. If anyone needs the documentation, sound off and I will furnish you with a copy.

Alex
K2AJR
k2ajr@...

707. Re: [transworld_radio] TW100S Channel Programming

Yahoo group: transworld_radio
Date: 2011-11-13 10:25:50 UTC
From: Markus Baertschi
Topic: 706 Message: 707

Hi Alex,

if you sent it to me then I'll attempt to convert it to djvu format. Djvu
is much smaller, then it should fit the files section of the group.

Markus

On Sat, Nov 12, 2011 at 00:38, Alex J Rokowetz <belarok@...m> wrote:

> In response to post #705, I secured a copy of the programing instructions
> for the TW100S radio. This version of the TW100 transceiver was offfered
> by Transworld in the 1990s and only had a small number of channels (either
> four or ten channels) that were selected by the user via a dial on the
> front panel of the radio. The channels were programmed via the placement
> of diaodes on a matrix board within the radio. This version of the TW100
> was much less expensive than the standard TW100 or TW100 flyaway radios
> with which most of us are familiar.
>
> I've scanned the channel programming documentation to PDF format, but
> unfortunately the document is too large to post to this group. If anyone
> needs the documentation, sound off and I will furnish you with a copy.
>
> Alex
> K2AJR
> k2ajr@yahoo.com
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

--
Markus Baertschi, Bas du Rossé 16, CH-1163, Etoy, Switzerland
markus@..., ++41 (79) 402 1186 (mobile)

708. Re: [transworld_radio] TW100S Channel Programming

Yahoo group: transworld_radio
Date: 2011-11-13 13:27:36 UTC
From: Dennis
Topic: 706 Message: 708

I converted it to a zip file & it was still to large to put in our files section at 13mb.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
>From: Markus Baertschi <markus@...>
>To: transworld_radio@yahoogroups.com
>Sent: Sunday, November 13, 2011 4:25 AM
>Subject: Re: [transworld_radio] TW100S Channel Programming
>
>
>
>
>Hi Alex,
>
>
>if you sent it to me then I'll attempt to convert it to djvu format. Djvu is much smaller, then it should fit the files section of the group.
>
>
>Markus
>
>

709. Re: [transworld_radio] TW100S Channel Programming

Yahoo group: transworld_radio
Date: 2011-11-13 19:06:20 UTC
From: Alex J Rokowetz
Topic: 706 Message: 709

Markus,

Thank you! I sent the file to markus@...

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

>_____
>From: Markus Baertschi <markus@...>
>To: transworld_radio@yahoogroups.com
>Sent: Sunday, November 13, 2011 5:25 AM
>Subject: Re: [transworld_radio] TW100S Channel Programming
>
>
>
>Hi Alex,
>
>
>if you sent it to me then I'll attempt to convert it to djvu format. Djvu is much smaller, then it should fit the files section of the group.
>
>
>Markus
>
>
>On Sat, Nov 12, 2011 at 00:38, Alex J Rokowetz <belarok@...> wrote:
>
>In response to post #705, I secured a copy of the programing instructions for the TW100S radio. This version of the TW100 transceiver was offfered by Transworld in the 1990s and only had a small number of channels (either four or ten channels) that were selected by the user via a dial on the front panel of the radio. The channels were programmed via the placement of diaodes on a matrix board within the radio. This version of the TW100 was much less expensive than the standard TW100 or TW100 flyaway radios with which most of us are familiar.
>>
>>I've scanned the channel programming documentation to PDF format, but unfortunately the document is too large to post to this group. If anyone needs the documentation, sound off and I will furnish you with a copy.
>>
>>Alex

>>K2AJR
>>k2ajr@...
>>
>>
>>
>>----------
>>
>>Yahoo! Groups Links
>>
>>
>>
>>
>
>
>
>--
>Markus Baertschi, Bas du Rossé 16, CH-1163, Etoy, Switzerland
>markus@..., ++41 (79) 402 1186 (mobile)
>
>
>
>
>

710. TW100S Channel Programming Document - Missing Page

Yahoo group: transworld_radio
Date: 2011-11-16 15:49:15 UTC
From: Alex J Rokowetz
Topic: 710 Message: 710

I received a reply from Datron/Transworld regarding the missing page from the TW100S Channel programming documentation. Unfortunately, the missing page is truly "missing" and they cannot supply me with the page. I think we're lucky to get what we got since this particular product has not been supported for quite some time.

Interesting fact:

Some of the techs at Datron "hoard" outdated products/documents that are no longer "officially" supported by Datron in their work cubicle to help customers who make ad hoc requests like this. I feel lucky to have access to Datron technicians who provide a level of support beyond what the company officially provides.

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

711. Re: TW100S Channel Programming Document - Missing Page

Yahoo group: transworld_radio
Date: 2011-11-18 12:57:04 UTC
From: Bruno
Topic: 710 Message: 711

Alex,

Tell me which page you are looking for as I also have the programming info. Now perhaps my documentation also has that missing page but I wouldn't know lol. In any event, I have a pristine TW100 and I am familiar with its predecessor (TW100S) and the diode programming.

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/MFJ-1788 HF Loop (TX/RX), Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

712. Re: [transworld_radio] Re: TW100S Channel Programming Document - Missing Page

Yahoo group: transworld_radio
Date: 2011-11-18 13:00:55 UTC
From: Alex J Rokowetz
Topic: 710 Message: 712

Bruno,

Thanks for your reply. The missing page is 34 and provides programming informtaion in the 24 MHz range. If you could somehow get the missing page to mer, iwould be more than glad to reimburse you for your expenses.

Best 73,

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

>_____
>From: Bruno <w4afk@amsat.org>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, November 18, 2011 7:57 AM
>Subject: [transworld_radio] Re: TW100S Channel Programming Document - Missing Page
>
>
>
>Alex,
>Tell me which page you are looking for as Ialsohave the programming info.Now perhaps my documentation also has that missing pagebut I wouldn't know lol. Inany event, I have apristine TW100and I am familiar with its predecessor(TW100S)and the diode programming.
>Bruno, W4AFK
>West Melbourne, Florida [EL98qb]
>[FLEX-1500 w/MFJ-1788 HF Loop (TX/RX), Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]
>
>
>

713. PCS Mode

Yahoo group: transworld_radio
Date: 2011-12-19 02:49:33 UTC
From: Alex J Rokowetz
Topic: 713 Message: 713

The Transworld RT7000 HF transceiver has the following modes: USB, LSB, USB Data, LSB Data, AME, CW and one mode with which I am completely unfamiliar... PCS. The manual states that PCS is the "same as USB but with the addition of a carrier signal in transmit mode at a level of -16 dB relative to PEP". The manual provides no other information about the PCS mode or when it would be used.

I'm looking for additional information about this mode and searching the internet has so far yielded no results. Does any one have any familiarity with PCS or in what situations it's typically used?

Thank you,

Alex
K2AJR

714. Re: [transworld_radio] PCS Mode

Yahoo group: transworld_radio
Date: 2011-12-19 06:40:28 UTC
From: Cortland Richmond
Topic: 713 Message: 714

Alex, I suspect it means something like Pilot Carrier Stabilized, or Pilot Carrier System. Locking a receiver to the pilot carrier produces a link which is no longer dependent on only master oscillator stability for fidelity and phase detection.

Cortland
KA5S

On 12/18/2011 9:49 PM, Alex J Rokowetz wrote:
> The Transworld RT7000 HF transceiver has the following modes: USB,
> LSB, USB Data, LSB Data, AME, CW and one mode with which I am
> completely unfamiliar... PCS. The manual states thatPCS is the "same
> as USB but with the addition of a carrier signal in transmit mode at a
> level of -16 dB relative to PEP". The manual provides no other
> information about the PCS mode or when it would be used.
> I'm looking for additional information about this mode and searching
> the internet has so far yielded no results. Does any one have any
> familiarity with PCS or in what situations it's typically used?
> Alex
> K2AJR__

715. PCS Mode - Thank you

Yahoo group: transworld_radio
Date: 2011-12-19 12:44:08 UTC
From: Alex J Rokowetz
Topic: 713 Message: 715

I thank each of you who responded to my question about the PCS mode. The responses I received (on-list and off-list) give me a pretty good idea of what PCS is and in what applications it's used.

Thanks again,

Alex
K2AJR

----- Forwarded Message -----
>From: Alex J Rokowetz <belarok@yahoo.com>
>To: Army Radios <armyradios@yahoogroups.com>; 40M Group <40mtr_USB_Group@yahoogroups.com>; "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>; Military Radio Collector's Association <MRCA@....net>
>Sent: Sunday, December 18, 2011 9:49 PM
>Subject: PCS Mode
>
>
>The Transworld RT7000 HF transceiver has the following modes: USB, LSB, USB Data, LSB Data, AME, CW and one mode with which I am completely unfamiliar... PCS. The manual states that PCS is the "same as USB but with the addition of a carrier signal in transmit mode at a level of -16 dB relative to PEP". The manual provides no other information about the PCS mode or when it would be used.
>
>I'm looking for additional information about this mode and searching the internet has so far yielded no results. Does any one have any familiarity with PCS or in what situations it's typically used?
>
>Thank you,
>
>Alex
>K2AJR
>
>

716. Re: PCS Mode

Yahoo group: transworld_radio
Date: 2011-12-19 22:03:26 UTC
From: w4afk
Topic: 713 Message: 716

Alex,

As KA5S mentioned, "PCS" was a Pilot Carrier System. The "PEP -16dB" carrier was used to make sure the receiving radios were locked on the same frequency. It still appears in the newer 7000 series but is gone in the 7700 versions. PCS was useful in the days of "drifting radios". It remained in the 7000-series for compatibility reasons. However, it's redundant now.

BTW, the new 7700-series are SDR models and they support in TX and RX: LSB, USB, ISB, AME (R3E), AM, Digital (MELPe) and DATA (110B @ 9k6 bps in SSB and 19k2 bps in ISB) along with 2G and 3G-ALE. They can be remotely managed via a VRCU (Virtual Remote Control Unit), which is a Windows based software application. Thus users can manage their radios anywhere in the world via a secure Ethernet link. Any transmitter can be paired to any receiver and remotely tied together via the same secure Ethernet link. They are also being JITC certified and they are already LINK-11 qualified.

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> The Transworld RT7000 HF transceiver has the following modes: USB, LSB, USB Data, LSB Data, AME, CW and one mode with which I am completely unfamiliar... PCS. The manual states that PCS is the "same as USB but with the addition of a carrier signal in transmit mode at a level of -16 dB relative to PEP". The manual provides no other information about the PCS mode or when it would be used.
>
> I'm looking for additional information about this mode and searching the internet has so far yielded no results. Does any one have any familiarity with PCS or in what situations it's typically used?
>
> Thank you,
>
> Alex
> K2AJR
>

717. Selling Parts TW100

Yahoo group: transworld_radio
Date: 2012-01-05 16:36:44 UTC
From: kg4fet@bellsouth.net
Topic: 717 Message: 717

Rig is not working. lights/receives but does not tx. All modules are intact. Has a shure mic with it. 160.00 shipped in the US PayPal with no extra fees charged is ok. Postal MO also good. 120.00 if you want to pick it up in the D/FW TX area.
Thanks es Happy New Year
DE KG4FET Sandor
I'll pass cell # on if you email me off list

718. Re: [transworld_radio] Selling Parts TW100

Yahoo group: transworld_radio
Date: 2012-01-05 16:38:18 UTC
From: Dennis
Topic: 717 Message: 718

I want it!

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
> From: "kg4fet@..." <kg4fet@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, January 5, 2012 10:36 AM
>Subject: [transworld_radio] Selling Parts TW100
>
>Rig is not working. lights/receives but does not tx. All modules are intact. Has a shure mic with it. 160.00 shipped in the US PayPal with no extra fees charged is ok. Postal MO also good. 120.00 if you want to pick it up in the D/FW TX area.
>Thanks es Happy New Year
>DE KG4FET Sandor
>I'll pass cell # on if you email me off list
>
>
>
>----------
>
>Yahoo! Groups Links
>
>
>
>
>
>

719. Re: [transworld_radio] Selling Parts TW100

Yahoo group: transworld_radio
Date: 2012-01-05 16:40:49 UTC
From: Alex J Rokowetz
Topic: 717 Message: 719

Jeez dennis, you are FAST. I got your email before I got the seller's email.

Alex
K2AJR

>_____
>From: Dennis <spike.dennis@...>
>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Thursday, January 5, 2012 11:38 AM
>Subject: Re: [transworld_radio] Selling Parts TW100
>
>
>
>I want it!
>
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>HFpack/Milpack Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>>_____
>>From: "kg4fet@..." <kg4fet@...>
>>To: transworld_radio@yahoogroups.com
>>Sent: Thursday, January 5, 2012 10:36 AM
>>Subject: [transworld_radio] Selling Parts TW100
>>
>>Rig is not working. lights/receives but does not tx. All modules are intact. Has a shure mic with it. 160.00 shipped in the US PayPal with no extra fees charged is ok. Postal MO also good. 120.00 if you want to pick it up in the D/FW TX area.
>>Thanks es Happy New Year
>>DE KG4FET Sandor
>>I'll pass cell # on if you email me off list
>>
>>
>>
>>-----
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>>Yahoo! Groups Links
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>

720. Re: [transworld_radio] Selling Parts TW100

Yahoo group: transworld_radio
Date: 2012-01-05 18:25:46 UTC
From: Cortland Richmond
Topic: 717 Message: 720

That DID go fast.

If anyone knows where I can find a working remote board... My 100 has a board all right -- with no parts on it!

Cortland
KA5S

On 1/5/2012 1136, kg4fet@... wrote:
>
> Rig is not working. lights/receives but does not tx. All modules are
> intact. Has a shure mic with it. 160.00 shipped in the US PayPal with
> no extra fees charged is ok. Postal MO also good. 120.00 if you want
> to pick it up in the D/FW TX area.
> Thanks es Happy New Year
> DE KG4FET Sandor
> I'll pass cell # on if you email me off list
>
>

721. Need Key Pad for RT100F

Yahoo group: transworld_radio
Date: 2012-01-05 19:38:21 UTC
From: Pasquale Lombardi
Topic: 717 Message: 721

I need a working Key Pad for my TE100F.

Thank you,

Pat in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Cortland Richmond
Sent: Thursday, January 05, 2012 1:26 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Selling Parts TW100

That DID go fast.

If anyone knows where I can find a working remote board... My 100 has a
board all right -- with no parts on it!

Cortland
KA5S

On 1/5/2012 1136, kg4fet@... wrote:

Rig is not working. lights/receives but does not tx. All modules are intact.
Has a shure mic with it. 160.00 shipped in the US PayPal with no extra fees
charged is ok. Postal MO also good. 120.00 if you want to pick it up in the
D/FW TX area.
Thanks es Happy New Year
DE KG4FET Sandor
I'll pass cell # on if you email me off list

722. Need a key pad for TW100F

Yahoo group: transworld_radio
Date: 2012-01-05 19:40:42 UTC
From: Pasquale Lombardi
Topic: 717 Message: 722

I need a working Key Pad for my TW100F.

Thank you,

Pat in NJ

723. RE: [transworld_radio] Need a key pad for TW100F

Yahoo group: transworld_radio
Date: 2012-01-07 15:11:59 UTC
From: Charles Dicecca
Topic: 717 Message: 723

Dear Pat:

Are you having any luck finding the key pad?

Alex has a direct line to Daytron. Maybe he could help.

Did you like the wine?

Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Pasquale Lombardi
Sent: Thursday, January 05, 2012 2:41 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Need a key pad for TW100F

I need a working Key Pad for my TW100F.

Thank you,

Pat in NJ

_____ Information from ESET NOD32 Antivirus, version of virus signature database 6768 (20120104) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

724. RE: [transworld_radio] Need a key pad for TW100F

Yahoo group: transworld_radio
Date: 2012-01-07 15:31:26 UTC
From: Pasquale Lombardi
Topic: 717 Message: 724

Hello Charles,

I am so sorry, I thought that I had written about the wine you so kindly sent.

It was drunk on Christmas by myself, my wife, my son and his wife and a small glass by my 99 year old father.

None, however, for my 21 month old grandson Luke.

ALL agreed that it was a very nice wine.

I checked 2 of our wine stores but none had it.

I have been in contact with Alex, he is always very helpful, but I have not asked him about a keypad.

I do listen to your signal on the M & S Net here in NJ.

Thank you Charles.

Pat in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Charles Dicecca
Sent: Saturday, January 07, 2012 10:12 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] Need a key pad for TW100F

Dear Pat:

Are you having any luck finding the key pad?

Alex has a direct line to Daytron. Maybe he could help.

Did you like the wine?

Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Pasquale Lombardi
Sent: Thursday, January 05, 2012 2:41 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Need a key pad for TW100F

I need a working Key Pad for my TW100F.

Thank you,

Pat in NJ

_____ Information from ESET NOD32 Antivirus, version of virus signature database 6768 (20120104) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

725. Re: [transworld_radio] Need a key pad for TW100F

Yahoo group: transworld_radio
Date: 2012-01-07 16:01:09 UTC
From: Alex J Rokowetz
Topic: 717 Message: 725

Pat,
 A while ago, Ricardo had a TW100F for sale on ebay that he was parting out. I do not know if he sold it. In my opinion, he was asking a very high price for shipping. He may be willing to sell you just the keypad if he still has the radio.

I'm heading out now to the park with my TW100F and TWPP for the M&S net. 5.3715 USB

Alex
K2AJR

>_____
>From: Pasquale Lombardi <pasquale.nj@...>
>To: transworld_radio@yahoogroups.com
>Sent: Saturday, January 7, 2012 10:31 AM
>Subject: RE: [transworld_radio] Need a key pad for TW100F
>
>
>
>Hello Charles,
>I am so sorry, I thought that I had written about the wine you so kindly sent.
>It was drunk on Christmas by myself, my wife, my son and his wife and a small glass by my 99 year old father.
>None, however, for my 21 month old grandson Luke.
>ALL agreed that it was a very nice wine.
>I checked 2 of our wine stores but none had it.
>I have been in contact with Alex, he is always very helpful, but I have not asked him about a keypad.
>I do listen to your signal on the M & S Net here in NJ.
>Thank you Charles.
>Pat in NJ
>
>From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Charles Dicecca
>Sent: Saturday, January 07, 2012 10:12 AM
>To: transworld_radio@yahoogroups.com
>Subject: RE: [transworld_radio] Need a key pad for TW100F
>
>
>Dear Pat:
>Are you having any luck finding the key pad?
>Alex has a direct line to Daytron. Maybe he could help.
>Did you like the wine?
>Charlie
>
>From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Pasquale Lombardi

>Sent: Thursday, January 05, 2012 2:41 PM
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Need a key pad for TW100F
>
>
>I need a working Key Pad for my TW100F.
>Thank you,
>Pat in NJ
>
>
>
>_____ Information from ESET NOD32 Antivirus, version of virus signature database
6768 (20120104) _____
>
>The message was checked by ESET NOD32 Antivirus.
>
>http://www.eset.com
>
>
>

726. RE: [transworld_radio] Need a key pad for TW100F

Yahoo group: transworld_radio
Date: 2012-01-07 16:17:14 UTC
From: Pasquale Lombardi
Topic: 717 Message: 726

Thanks Alex, good idea.

I have emailed Ricardo.

I can not play radio today.

Pat in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Saturday, January 07, 2012 11:01 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Need a key pad for TW100F

Pat,

A while ago, Ricardo had a TW100F for sale on ebay that he was parting out. I do not know if he sold it. In my opinion, he was asking a very high price for shipping. He may be willing to sell you just the keypad if he still has the radio.

I'm heading out now to the park with my TW100F and TWPP for the M&S net. 5.3715 USB

Alex
K2AJR

From: Pasquale Lombardi <pasquale.nj@...>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 7, 2012 10:31 AM
Subject: RE: [transworld_radio] Need a key pad for TW100F

Hello Charles,

I am so sorry, I thought that I had written about the wine you so kindly sent.

It was drunk on Christmas by myself, my wife, my son and his wife and a small glass by my 99 year old father.

None, however, for my 21 month old grandson Luke.

ALL agreed that it was a very nice wine.

I checked 2 of our wine stores but none had it.

I have been in contact with Alex, he is always very helpful, but I have not asked him about a keypad.

I do listen to your signal on the M & S Net here in NJ.

Thank you Charles.

Pat in NJ

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Charles Dicecca
Sent: Saturday, January 07, 2012 10:12 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] Need a key pad for TW100F

Dear Pat:

Are you having any luck finding the key pad?

Alex has a direct line to Daytron. Maybe he could help.

Did you like the wine?

Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Pasquale Lombardi
Sent: Thursday, January 05, 2012 2:41 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Need a key pad for TW100F

I need a working Key Pad for my TW100F.

Thank you,

Pat in NJ

_____ Information from ESET NOD32 Antivirus, version of virus signature
database 6768 (20120104) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

727. TW-100

Yahoo group: transworld_radio
Date: 2012-01-21 22:16:55 UTC
From: williamw
Topic: 727 Message: 727

Does anyone know where I can procure a manual for the TW-100 ATU tuner?

Mine went kaput not too long ago.

I'm wondering if it's the SWR detection, or something that damaged the tuning circuit.

728. Re: [transworld_radio] TW-100

Yahoo group: transworld_radio
Date: 2012-01-21 22:56:09 UTC
From: Alex J Rokowetz
Topic: 727 Message: 728

Unfortunately, I do not have a copy of this manual, but it is available for sale at American Milspec.

http://www.american-milspec.com/p-266-at100-ms.aspx

BTW, The AT100 and RAT100 are essentially the same tuners only with different housings.

Alex
K2AJR

>_____
>From: williamw <waward41@...>
>To: transworld_radio@yahoogroups.com
>Sent: Saturday, January 21, 2012 5:16 PM
>Subject: [transworld_radio] TW-100
>
>
>
>Does anyone know where I can procure a manual for the TW-100 ATU tuner?
>
>Mine went kaput not too long ago.
>
>I'm wondering if it's the SWR detection, or something that damaged the tuning circuit.
>
>
>
>
>

729. AT 100

Yahoo group: transworld_radio
Date: 2012-01-22 13:27:41 UTC
From: williamw
Topic: 729 Message: 729

Does anyone know where I can find either a manual, or schematic for the AT 100 tuner? Mine seems to have quit working.

730. RE: [transworld_radio] AT 100

Yahoo group: transworld_radio
Date: 2012-01-22 13:45:09 UTC
From: Jay Bray
Topic: 729 Message: 730

From what I remember, the CPU's were very finicky when it came to heat. When I was testing those inside, they would work, but doing the final test outside, they would overheat and fail about 70% of the time. Yours may have been weak?

Jay

> From: waward41
>
> Does anyone know where I can find either a manual, or schematic for the AT 100 tuner? Mine seems to have quit working.

731. Re: TW-100

Yahoo group: transworld_radio
Date: 2012-01-23 00:15:48 UTC
From: williamw
Topic: 727 Message: 731

Thanks for the info, previously I had used it in the truck, but I'm now completing on using it with a homebrew 43 ft vertical I'm finishing up.

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Unfortunately, I do not have a copy of this manual, but it is available for sale at American Milspec.
> Â
> http://www.american-milspec.com/p-266-at100-ms.aspx
> Â
> BTW, The AT100 and RAT100 are essentially the same tuners only with different housings.
> Â
> Alex
> K2AJR
>
>
> >_____
> >From: williamw <waward41@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Saturday, January 21, 2012 5:16 PM
> >Subject: [transworld_radio] TW-100
> >
> >
> >Â
> >Does anyone know where I can procure a manual for the TW-100 ATU tuner?
> >
> >Mine went kaput not too long ago.
> >
> >I'm wondering if it's the SWR detection, or something that damaged the tuning circuit.
> >
> >
> >
> >
> >
>

732. Re: AT 100

Yahoo group: transworld_radio
Date: 2012-01-23 17:21:54 UTC
From: Cortland Richmond
Topic: 729 Message: 732

I think I got one with my (no tuner) TW100's manuals. Will look.

Am looking for a remote board.

Cortland
KA5S

733. Re: [transworld_radio] AT 100

Yahoo group: transworld_radio
Date: 2012-01-24 09:27:35 UTC
From: Ion Gheorghiscu
Topic: 729 Message: 733
Attachments: 1 described; binary payloads are missing from this source WARC

--- On Sun, 1/22/12, williamw <waward41@...> wrote:

From: williamw <waward41@...>
Subject: [transworld_radio] AT 100
To: transworld_radio@yahoogroups.com
Date: Sunday, January 22, 2012, 3:27 PM

Does anyone know where I can find either a manual, or schematic for the AT 100 tuner? Mine seems to have quit working.

Yahoo! Groups Links

734. M10 PA module

Yahoo group: transworld_radio
Date: 2012-01-24 23:53:31 UTC
From: Jay
Topic: 734 Message: 734

Hi,

I'd like to ask what for any info regarding difference in terms of circuitry between the 12v and 24v version of the M10 PA module, aside from the operating voltage? As I dont recall this being mentioned in the service manual.

thank you.

jay

735. Thanks for the helpful info!

Yahoo group: transworld_radio
Date: 2012-02-20 17:39:44 UTC
From: n9pse
Topic: 735 Message: 735

A few years ago, I started attempts to resurrect a TW100F. Being a relative beginner in such affairs, I plodded through diagnosing while learning (the original thread began on message 538 in November of 2009. I had to replace the main power transformer (a shorted primary), but was still blowing fuses and getting very poor power output. With the aid of y'all, I eventually determined that the PA transistors were bad.

As other projects required attention, this had been put on the back burner -- until yesterday morning. I finally got around to replacing the transistors using Peter's (G0LRP) great directions on his web site. At the end of a long (and oft-delayed) effort, I am finally rewarded with a fully functioning TW100F transceiver. All seems to work well, though I'm not entirely satisfied with the AC hum when operating on the built-in power supply -- but I understand that is a common shortfall with this rig?

Many thanks to everyone here for your helpful and patient support!!!

Just one curiosity I've uncovered (and found it reference here, too). The power out adjustment (ALC on Module 7) only seems to affect the low power output range from something just below 10 watts to about 30-35 watts. The high-power output remains just at 100 watts (75 watts on 20m, strangely). This seems to be different from the TW100 behavior. I'm not complaining, but am curious if anyone has found an adjustment to the high-power output on the fly-away version.

Again, thanks to everyone here who helped out with suggestions for diagnosing these problems and suggesting fixes.

73

Mark
N9PSE

737. Re: Thanks for the helpful info!

Yahoo group: transworld_radio
Date: 2012-02-20 22:33:33 UTC
From: n9pse
Topic: 735 Message: 737

Some additional info on the curiosity.

The output power of the radio has a strong dependence on the band.
Specifically:

10 m -- 41 w
15 m -- 48 w
20 m -- 62 w
30 m -- 80 w
40 m -- 90 w
75 m -- 95 w
160 m -- 95 w

Power was measured using an MFJ tuner, so values are approximate (but using my FT-890 to transmit, I get a reasonable match between the radio's power out meter and the tuner -- 100 w).

Using the MFJ tuner, I match to get 1:1 SWR and set the TW100F's tuner to 50 ohm settings. The radio's meter indicates a good match with low SWR and max output power in the "tune" mode.

Is this normal? Are there additional steps needed to match the new transistors to the PA?

I'd appreciate the group's insights on this one...

Thanks!

Mark
N9PSE

--- In transworld_radio@yahoogroups.com, "n9pse" <n9pse@...> wrote:
>
--- snip ---
>
> Just one curiosity I've uncovered (and found it reference here, too). The power out adjustment (ALC on Module 7) only seems to affect the low power output range from something just below 10 watts to about 30-35 watts. The high-power output remains just at 100 watts (75 watts on 20m, strangely). This seems to be different from the TW100 behavior. I'm not complaining, but am curious if anyone has found an adjustment to the high-power output on the fly-away version.
>
> --- snip ---

738. Re: [transworld_radio] Re: Thanks for the helpful info!

Yahoo group: transworld_radio
Date: 2012-02-20 22:38:45 UTC
From: Dennis
Topic: 735 Message: 738

#1, have you adjusted the ALC located on the low pass filter/relay board? The TW100F is capable of far more output power than the internal power supply is capable of supplying. It is best to set it at no more than 100 watts CW even though it will do more.

#2, the meter on the TW100F can be set to read either forward, or reflected, when in the tune position, but not both. This is selected by placement of the tap near the ALC control. When the tap is connected for forward, you tune for max indication on the meter. When tap is connected for reflected you tune for minimum on the front panel meter. This is the best method & provides the best indication of a match but it is not the way these radios are usually set at the factory.

I assume your output power measurements were done into a dummy load.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
> From: n9pse <n9pse@...>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, February 20, 2012 4:20 PM
>Subject: [transworld_radio] Re: Thanks for the helpful info!
>
>Some additional info on the curiosity.
>
>The output power of the radio has a strong dependence on the band. Specifically:
>
>10 m -- 40 w
>15 m -- 42 w
>20 m -- 52 w
>30 m -- 62 w
>40 m -- 90 w
>75 m -- 95 w
>160 m -- 95 w
>
>Power was measured using an MFJ tuner, so values are approximate (but using my FT-890 to transmit, I get a reasonable match between the radio's power out meter and the tuner -- 100 w).
>
>Using the MFJ tuner, I match to get 1:1 SWR and set the TW100F's tuner to 50 ohm settings. The radio's meter indicates a good match with low SWR and max output power in the "tune" mode.
>
>Is this normal? Are there additional steps needed to match the new transistors to the

PA?
>
>I'd appreciate the group's insights on this one...
>
>Thanks!
>
>Mark
>N9PSE
>
>
>--- In transworld_radio@yahoogroups.com, "n9pse" <n9pse@...> wrote:
>>
>--- snip ---
>>
>> Just one curiosity I've uncovered (and found it reference here, too). The power out adjustment (ALC on Module 7) only seems to affect the low power output range from something just below 10 watts to about 30-35 watts. The high-power output remains just at 100 watts (75 watts on 20m, strangely). This seems to be different from the TW100 behavior. I'm not complaining, but am curious if anyone has found an adjustment to the high-power output on the fly-away version.
>>
>> --- snip ---
>
>
>
>
>
>----------
>
>Yahoo! Groups Links
>
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>
>

739. Re: Thanks for the helpful info!

Yahoo group: transworld_radio
Date: 2012-02-20 23:44:07 UTC
From: n9pse
Topic: 735 Message: 739

G'day...

Thanks for your reply, Dennis;

The tests where I tried adjustments of the ALC were into the dummy load -- the only power variation noted was in the low power output setting; no change in the high power resulted from changing the ALC setting (which was close to 100 watts at 80 m). I was happy with the 100 / 10 w out so I left it at that setting, closed up the radio, and set up for some test QSOs. (Note: The first posting I listed the wrong power out data -- read the wrong numbers from my notes).

Other power out measurements were made over the course of the day during QSOs or attempted QSOs once I saw that the power wasn't as high on 20 m as it was on the lower bands during testing (as a rule, I don't conduct blind tests on the air). Not a lot of action on some bands), but I did manage a QSO with the Polish Antarctic special event station(a new continent for me). I had good reports on audio for SSB QSOs. Didn't get a reply on 30 m, so I don't have a sense of how good the tone was (probably a good thing since my fist is pretty rusty).

I ran out of time to go back and test with the dummy load (too many other obligations vying for my time), but should try that.

Maybe I expect too much from a low-end transmatch. Still, I would expect that operating through the transmatch should give the radio a 1:1 SWR and not make the power fall back -- The radio's meter showed the required indication during tuning. I didn't know about the tap for changing the sense of the meter for tuning -- I'll go back and change that when I get back to this project (hopefully over the next weekend). Thanks for that info...

I guess I should be happy with the power that I have, but just didn't expect this behavior. It's mostly to satisfy my curiosity at this point.

73
Mark
N9PSE

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> #1, have you adjusted the ALC located on the low pass filter/relay board? The TW100F is capable of far more output power than the internal power supply is capable of supplying. It is best to set it at no more than 100 watts CW even though it will do more.
>
>
> #2, the meter on the TW100F can be set to read either forward, or reflected, when in the tune position, but not both. This is selected by placement of the tap near the ALC control. When the tap is connected for forward, you tune for max indication on the meter. When tap is connected for reflected you tune for minimum on the front panel meter. This is the best method & provides the best indication of a match but it is not the way these radios are

usually set at the factory.
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> I assume your output power measurements were done into a dummy load.
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> ï¿½
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> HFpack/Milpack Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
> >_____
> > From: n9pse <n9pse@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Monday, February 20, 2012 4:20 PM
> >Subject: [transworld_radio] Re: Thanks for the helpful info!
> >
> >Some additional info on the curiosity.
> >
> >The output power of the radio has a strong dependence on the band.ï¿½ Specifically:
> >
> >10 mï¿½ -- 40 w
> >15 mï¿½ -- 42 w
> >20 mï¿½ -- 52 w
> >30 mï¿½ -- 62 w
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> >75 mï¿½ -- 95 w
> >160 m -- 95 w
> >
> >Power was measured using an MFJ tuner, so values are approximate (but using my FT-890 to transmit, I get a reasonable match between the radio's power out meter and the tuner -- 100 w).ï¿½
> >
> >Using the MFJ tuner, I match to get 1:1 SWR and set the TW100F's tuner to 50 ohm settings.ï¿½ The radio's meter indicates a good match with low SWR and max output power in the "tune" mode.ï¿½
> >
> >Is this normal?ï¿½ Are there additional steps needed to match the new transistors to the PA?ï¿½
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> >
> >Thanks!
> >
> >Mark
> >N9PSE
> >
> >
> >--- In transworld_radio@yahoogroups.com, "n9pse" <n9pse@> wrote:
> >>

> >--- snip ---
> >>
> >> Just one curiosity I've uncovered (and found it reference here, too).ï¿½ The power out adjustment (ALC on Module 7) only seems to affect the low power output range from something just below 10 watts to about 30-35 watts.ï¿½ The high-power output remains just at 100 watts (75 watts on 20m, strangely).ï¿½ This seems to be different from the TW100 behavior.ï¿½ I'm not complaining, but am curious if anyone has found an adjustment to the high-power output on the fly-away version.ï¿½
> >>
> >> --- snip ---
> >
> >
> >
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> >
> >Yahoo! Groups Links
> >
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>

740. Re: [transworld_radio] Re: Thanks for the helpful info!

Yahoo group: transworld_radio
Date: 2012-02-21 00:49:21 UTC
From: ed.leavitt@JUNO.COM
Topic: 735 Message: 740

I'm not familiar with the MFJ tuner's metering. Is that representing PEP
or were you whistling or what to get a steady reading?

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Mon, 20 Feb 2012 22:33:33 -0000 "n9pse" <n9pse@...> writes:
> Some additional info on the curiosity.
>
> The output power of the radio has a strong dependence on the band.
> Specifically:
>
> 10 m -- 41 w
> 15 m -- 48 w
> 20 m -- 62 w
> 30 m -- 80 w
> 40 m -- 90 w
> 75 m -- 95 w
> 160 m -- 95 w
>

---
57 Year Old Looks 27
Local Woman Reveals Wrinkle Secret That Has Doctors Angry.
http://thirdpartyoffers.juno.com/TGL3141/4f42ec1def406123ddaast05vuc

741. Re: Thanks for the helpful info!

Yahoo group: transworld_radio
Date: 2012-02-21 01:26:59 UTC
From: n9pse
Topic: 735 Message: 741

I'm pretty sure it's RMS, which would mean that the ~90 w would be on the order of the 125 PEP. Still, I'm not too concerned with the actual power, but rather its variation over the various bands.

I was using the tune mode (at 10 w) and CW key down to tune up at higher power. Readings were approximate as I had to key down only long enough to put the final tweak on the tuner before calling CQ.

As I said, I'm pretty happy with the fact that I got the thing working... if the output variation over the change in bands is expected behavior, that's fine. But if that indicates that I still have some adjusting to do, that's another matter.

Thanks!

73

Mark
N9PSE

--- In transworld_radio@yahoogroups.com, ed.leavitt@... wrote:
>
> I'm not familiar with the MFJ tuner's metering. Is that representing PEP
> or were you whistling or what to get a steady reading?
>
> **********
> Edmund Leavitt
> K7EFL / AFA0AH
> **********
>
> On Mon, 20 Feb 2012 22:33:33 -0000 "n9pse" <n9pse@...> writes:
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> 57 Year Old Looks 27
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> http://thirdpartyoffers.juno.com/TGL3141/4f42ec1def406123ddaast05vuc
>

742. TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-22 23:10:44 UTC
From: anthonyradio1942
Topic: 742 Message: 742

Hi all,,
As a new member I have not had chance to search for any previous answers to this question, sorry if it's been covered.
Was the TW100 in common use with the CIA MI5 MI6 etc. ?
Thanks

743. Re: [transworld_radio] TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-23 00:04:37 UTC
From: Dennis
Topic: 742 Message: 743

By TW100 I assume you mean the TW100F FlyAway?
It's is hard to pin down any clandestine use however the sets are known to have been used by the CIA as an embassy backup radio.

Use by US Special Forces is an absolute! My example was used in Desert Storm and saw service with the US 18th Airborne(stenciled on it). A good friend has another example with shipping labels from Afghanistan, Uzbekistan, & a few others. It actually has a data tag with the military nomenclature of PRC-1173. It was supplied with, and still included when he got it, a Barker & Williamson T2FD which had matching shipping labels on it's original card board shipping container.

The Fly-Away followed in a long tradition of suite case housed rapid deployment HF/SSB systems which began with the Collins KWM-2A, progressed to the Cubic Astro D(Diplomat or Ambassador), and continued on with various Motorola Micom packages, & the Harris RF-3200T.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message -----
> From: anthonyradio1942 <anthonyradio1942@...>
> To: transworld_radio@yahoogroups.com
> Cc:
> Sent: Wednesday, February 22, 2012 5:10 PM
> Subject: [transworld_radio] TW100 Clandestine ?
>
> Hi all,,
> As a new member I have not had chance to search for any previous answers to this
> question, sorry if it's been covered.
> Was the TW100 in common use with the CIA MI5 MI6 etc. ?
> Thanks
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

744. Re: [transworld_radio] TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-23 00:39:50 UTC
From: ed.leavitt@JUNO.COM
Topic: 742 Message: 744

The Transworld Flyaways I have snagged from the military's bone yard were part of an Air Force meteorology data dissemination system code named GOLDWING. GOLDWING (an unclassified program from what I've seen) consisted of a Transworld suitcase radio, a push up 30 foot mast, a Harris tape measure style dipole, a KG-84(?) /TSEC device, some oddball data modem I've never heard of before, a GRiDCase laptop computer (very familiar from projects I worked on for DoD), with an UPS and a printer if I recall. I ran across some paper records regarding GOLDWING recently but didn't give it much mind. If anybody craves more detail I might be able to dig out the details.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Wed, 22 Feb 2012 16:04:37 -0800 (PST) Dennis <spike.dennis@...>
writes:
> By TW100 I assume you mean the TW100F FlyAway?
> It's is hard to pin down any clandestine use however the sets are
> known to have been used by the CIA as an embassy backup radio.
>
>
> Use by US Special Forces is an absolute! My example was used in
> Desert Storm and saw service with the US 18th Airborne(stenciled on
> it). A good friend has another example with shipping labels from
> Afghanistan, Uzbekistan, & a few others. It actually has a data tag
> with the military nomenclature of PRC-1173. It was supplied with,
> and still included when he got it, a Barker & Williamson T2FD which
> had matching shipping labels on it's original card board shipping
> container.
>
> The Fly-Away followed in a long tradition of suite case housed rapid
> deployment HF/SSB systems which began with the Collins KWM-2A,
> progressed to the Cubic Astro D(Diplomat or Ambassador), and
> continued on with various Motorola Micom packages, & the Harris
> RF-3200T.
>
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> HFpack/Milpack Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>

>

---

1 Rule to a Flat Body:

Cut down a bit of your weight every day using this 1 weird old trick..

http://thirdpartyoffers.juno.com/TGL3141/4f458b6e919e813605e1st06vuc

745. Re: TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-23 01:35:08 UTC
From: n9pse
Topic: 742 Message: 745

Ahhh, you're bringing back some good memories... I used to be an AF Meteorologist (hence my interest in this radio).

The TW100Fs were actually part of two different (but similar) systems. One was the aforementioned Goldwing. The other was called the Quick Reaction Communications Terminal (QRCT). Both were similarly equipped (both used the TW100F), but used a different communications protocol (and probably a different modem). I don't remember the protocol, but the modem in the Goldwing kit was called the "Fredericks modem." Some sort of FSK, similar to RTTY. The Gridcase computers ran a comm software package that allowed all the users to set up a net to exchange weather data in a semi-automated fashion around the deployed area. Notoriously finicky, both systems were used during the first Gulf war. The KG-84 allowed data to be encrypted.

Goldwing was procured by the Army, while QRCT was an Air Force program. Both were used by deployed AF Weather folks as the AF provided all meteorological support to the Army. Unfortunately, the two systems were incompatible and couldn't talk to each other. In areas were both systems were operated, data were transferred at a central location from one system's Gridcase to another via floppy disk. Most of my experience with these was on the Army side of the road (Goldwing).

The push-up antenna mast was a popular item (I wish I had one), but for some reason the non-ham operators often had trouble tuning them properly, especially over the dry desert terrain. At one point, we procured a bunch of B&W broadband antennas for use -- these were much easier.

Looking at the size, weight, and complexity of these systems makes me wish we had today's computing and hardware capabilities. What filled several large transit cases then could have fit inside a single laptop. Just a single laptop running DM780 with a small HF radio would have done 95% of what these larger systems did. Right now, I'm monitoring my TW100F while fiddling in the shack. What a difference between this and my Yaesu...

Another part of the Goldwing was the Wraase Satellite receiver (VHF omni) for the NOAA polar orbiters and 1.7 GHz dish for the Geostationary weather satellites. But that's a whole different story.

As I said... Ah, memories....

73
Mark

746. Re: [transworld_radio] Re: TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-23 04:58:33 UTC
From: ed.leavitt@JUNO.COM
Topic: 742 Message: 746

Hi there Mark,

I agree that the suitcase version was a bit heavy by today's standards. But the part I love best is that manual antenna tuner. I swear that it can tune everything from a dead short to an open circuit with equal ease. I love that part of the radio.

By the way, Army artillery units also have organic meteorological units. I don't know if they share data with anybody else in the modern battlefield. Their scope is not so much concerned with prediction, it is more related to the real time lower atmosphere and wind directions at various altitudes because of their obvious effects on the flight of Arty projectiles. I don't suppose their data was worth much to the rest to the weather folks.

You're the only person I've ever heard from who has ever heard of GOLDWING. I acquired a push up mast a few years ago that may possibly have been the type fielded with GOLDWING. Do you recall details about that particular mast system?

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Thu, 23 Feb 2012 01:35:08 -0000 "n9pse" <n9pse@...> writes:
>
>
> Ahhh, you're bringing back some good memories... I used to be an AF
> Meteorologist (hence my interest in this radio).
>
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> systems. One was the aforementioned Goldwing. The other was called
> the Quick Reaction Communications Terminal (QRCT). Both were
> similarly equipped (both used the TW100F), but used a different
> communications protocol (and probably a different modem). I don't
> remember the protocol, but the modem in the Goldwing kit was called
> the "Fredericks modem." Some sort of FSK, similar to RTTY. The
> Gridcase computers ran a comm software package that allowed all the
> users to set up a net to exchange weather data in a semi-automated
> fashion around the deployed area. Notoriously finicky, both systems
> were used during the first Gulf war. The KG-84 allowed data to be
> encrypted.
>
> Goldwing was procured by the Army, while QRCT was an Air Force
> program. Both were used by deployed AF Weather folks as the AF

> provided all meteorological support to the Army. Unfortunately, the
> two systems were incompatible and couldn't talk to each other. In
> areas were both systems were operated, data were transferred at a
> central location from one system's Gridcase to another via floppy
> disk. Most of my experience with these was on the Army side of the
> road (Goldwing).
>
> The push-up antenna mast was a popular item (I wish I had one), but
> for some reason the non-ham operators often had trouble tuning them
> properly, especially over the dry desert terrain. At one point, we
> procured a bunch of B&W broadband antennas for use -- these were
> much easier.
>
> Looking at the size, weight, and complexity of these systems makes
> me wish we had today's computing and hardware capabilities. What
> filled several large transit cases then could have fit inside a
> single laptop. Just a single laptop running DM780 with a small HF
> radio would have done 95% of what these larger systems did. Right
> now, I'm monitoring my TW100F while fiddling in the shack. What a
> difference between this and my Yaesu...
>
> Another part of the Goldwing was the Wraase Satellite receiver (VHF
> omni) for the NOAA polar orbiters and 1.7 GHz dish for the
> Geostationary weather satellites. But that's a whole different
> story.
>
> As I said... Ah, memories....
>
> 73
> Mark
>
>
>

---
57 Year Old Looks 27
Local Woman Reveals Wrinkle Secret That Has Doctors Angry.
http://thirdpartyoffers.juno.com/TGL3141/4f45c7c3a3d5d16aa039st02vuc

747. Re: TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-23 14:24:15 UTC
From: n9pse
Topic: 742 Message: 747

Yup, the fly-away version sure is a robust radio. I've never tried the tuner with a long wire, but will have to do so at some point. Maybe for field day... I'm still tweaking mine after some repairs. I'd also like to find one of the Halliburton aluminum cases to mount and store it (I acquired mine without the case or mast, but with a couple of the antenna kits).

The Goldwing mast was a standard Army push-up kit. If I remember correctly, it was olive drab metal with clamps that pivoted out to release the sections to slide. The mast kit came with a ground plate to keep it anchored, guys, stakes, and even a hammer. The canvas case had directions printed on the inner liner that describe the layout of stakes and the length of guy ropes to expedite set-up. It also had a rope and pulley system with which to raise and lower antennas. Our antennas were a wire-braided rope wound on spools. The lines were marked with the frequencies, so it was fairly easy to know how much of the antenna line to unwind. The unused line was clamped on the spool and suspended either from trees or in an inverted V. I'd certainly recognize the mast if I saw a picture. If you like, send me a picture and I'll see if it matches my memories.

The artillery weather guys (ArtyMet) folks had a limited weather training on the proper procedures to observe and collect weather data. There is (or at least was back in my day) a program to get these data from all around the battlefield back to the weather teams. The more weather observations we had, the better our forecasts could be. So, these data were indeed quite useful.

73

Mark
N9PSE

--- In transworld_radio@yahoogroups.com, ed.leavitt@... wrote:
>
> Hi there Mark,
>
> I agree that the suitcase version was a bit heavy by today's standards.
> But the part I love best is that manual antenna tuner. I swear that it
> can tune everything from a dead short to an open circuit with equal ease.
> I love that part of the radio.
>
> By the way, Army artillery units also have organic meteorological units.
> I don't know if they share data with anybody else in the modern
> battlefield. Their scope is not so much concerned with prediction, it is
> more related to the real time lower atmosphere and wind directions at
> various altitudes because of their obvious effects on the flight of Arty
> projectiles. I don't suppose their data was worth much to the rest to
> the weather folks.
>
> You're the only person I've ever heard from who has ever heard of

> GOLDWING. I acquired a push up mast a few years ago that may possibly
> have been the type fielded with GOLDWING. Do you recall details about
> that particular mast system?
>
> **********
> Edmund Leavitt
> K7EFL / AFA0AH
> **********
>
>
>

748. Re: [transworld_radio] Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-23 14:40:29 UTC
From: Dennis
Topic: 742 Message: 748

The case was made by Zero(Centurian). Two years ago it could still be purchased new, though it will not have the internal mounts for the radio.

I've not use the manual tuner on mine a lot except to touch up an already resonant antenna. WA4VAG has used his to tune a 30ft vertical between 75 & 17 meters.

You may be interested to know that the tune control circuitry for operation of an external auto-tuner is perfectly compatible with Icom systems. Any of the Icom tuners can be wired for to the TW100, press tune, the tuner will key the radio in low power, then unkey & return to high power when it's done, all automatically just like the original Transworld tuner dose.

I have used mine with the AH-4, & the AT-120 marine tuner. It works great.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message -----
> From: n9pse <n9pse@...>
> To: transworld_radio@yahoogroups.com
> Cc:
> Sent: Thursday, February 23, 2012 8:24 AM
> Subject: [transworld_radio] Re: TW100 Clandestine ?
>
> Yup, the fly-away version sure is a robust radio. I've never tried the
> tuner with a long wire, but will have to do so at some point. Maybe for field
> day... I'm still tweaking mine after some repairs. I'd also like to

749. Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-23 15:12:10 UTC
From: n9pse
Topic: 742 Message: 749

That is interesting info about the Icom ATU compatibility. I'll have to keep my eyes open for a good deal on one. I assume the connectivity to the ATU is through the accessory jack?

Thanks!

Mark
N9PSE

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> The case was made by Zero(Centurian). Two years ago it could still be purchased new, though it will not have the internal mounts for the radio.
>
> I've not use the manual tuner on mine a lot except to touch up an already resonant antenna. WA4VAG has used his to tune a 30ft vertical between 75 & 17 meters.
>
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>
> I have used mine with the AH-4, & the AT-120 marine tuner. It works great.
>
> ï¿½
> Dennis Starks
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> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
> ----- Original Message -----
> > From: n9pse <n9pse@...>
> > To: transworld_radio@yahoogroups.com
> > Cc:
> > Sent: Thursday, February 23, 2012 8:24 AM
> > Subject: [transworld_radio] Re: TW100 Clandestine ?
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> > Yup, the fly-away version sure is a robust radio.ï¿½ I've never tried the
> > tuner with a long wire, but will have to do so at some point.ï¿½ Maybe for field
> > day... I'm still tweaking mine after some repairs.ï¿½ I'd also like toï¿½
>

750. Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-23 15:25:55 UTC
From: Spike
Topic: 742 Message: 750

Yes, the Icom tuner is wire to the large front panel plug of the 100F. You just wire it pin fuction-per pin function the same as you would wire the Icom tuner to an Icom radio. I can't remember the pin numbers off the top of my head & I wouldn't want to rob you of the opportunity to look then up in the manual.

Both the TW100F & icom tuners have the same four connections. 12vdc, ground, key, & tune(start). All these are available on the front panel of the 100F.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

751. Re: [transworld_radio] Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-23 15:46:10 UTC
From: Dennis
Topic: 742 Message: 751

BTW, the Icom marine antenna tuners can often be had at a real bargain especially in the coastal areas. This because most Hams are not aware of them, and used HF/SSB marine equipment can often be had cheep! last year I purchased a NIB AT-120 with an Icom M700 transceiver for $250 off ebay. I turned around and sold the M700 for $250(also on ebay) so got the tuner for free.

The AT-120, AT-130, & AT-140, are all functionally interchangeable. I have no idea what their deference's are, it may be simple software/memory features. These tuners are rated at a full 150 watt, and though they look just like the 100 watt AH-4 they are about 50% larger. The AH-4 will work up to 6 meter, the marine tuners will not. But when used with the TW100 who cares.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>

752. Re: [transworld_radio] Re: TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-23 19:14:52 UTC
From: ed.leavitt@JUNO.COM
Topic: 742 Message: 752

I thought I had kept up with Army mast systems fairly well but had never seen this particular mast before. In fact I went out to a British firm (C&S) to buy several of their carbon fiber mast systems because I wasn't aware of anything in the inventory that was easy for one person to deploy without help. Then quite a bit later I tripped over this similar mast system that I believe might have been part of GOLDWING. It has the swing out clamps you mentioned but the mast is green anodized aluminum. I'll make a few photographs & I'll see if I can find the folder on the system.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Thu, 23 Feb 2012 14:24:15 -0000 "n9pse" <n9pse@...> writes:
> Yup, the fly-away version sure is a robust radio. I've never tried
> the tuner with a long wire, but will have to do so at some point.
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> I'd also like to find one of the Halliburton aluminum cases to mount
> and store it (I acquired mine without the case or mast, but with a
> couple of the antenna kits).
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> The Goldwing mast was a standard Army push-up kit. If I remember
> correctly, it was olive drab metal with clamps that pivoted out to
> release the sections to slide. The mast kit came with a ground
> plate to keep it anchored, guys, stakes, and even a hammer. The
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> the layout of stakes and the length of guy ropes to expedite set-up.
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> antennas. Our antennas were a wire-braided rope wound on spools.
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> know how much of the antenna line to unwind. The unused line was
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---

53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/4f4690809652c13e156fst06vuc

753. Re: [transworld_radio] Re: TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-23 22:30:26 UTC
From: Alex J Rokowetz
Topic: 742 Message: 753

I find using the TW100F with an end-fed wire antenna to be a really quick way to get on air. We used our flyaway today on 60M with a half wavelength wire antenna about 20 feet high at the end, and a half wavelngth counterpoise laid out beneath the antenna. Worked like a charm.

Alex
K2AJR

>_____
>From: n9pse <n9pse@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, February 23, 2012 9:24 AM
>Subject: [transworld_radio] Re: TW100 Clandestine ?
>
>
>
>Yup, the fly-away version sure is a robust radio. I've never tried the tuner with a long wire, but will have to do so at some point. Maybe for field day... I'm still tweaking mine after some repairs. I'd also like to find one of the Halliburton aluminum cases to mount and store it (I acquired mine without the case or mast, but with a couple of the antenna kits).
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>

754. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2012-02-23 23:11:17 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 754

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /TW-100F/TW100F Tuner.pdf
Uploaded by : edmundleavitt <ed.leavitt@...>
Description : TW100F Condensed Antenna Tuning Instr.

You can access this file at the URL:
http://groups.yahoo.com/group/transworld_radio/files/TW-100F/TW100F%20Tuner.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

edmundleavitt <ed.leavitt@...>

755. Alex, Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-24 01:18:05 UTC
From: Pasquale Lombardi
Topic: 742 Message: 755

Alex, Any thoughts of these antenna tuners?

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Dennis
Sent: Thursday, February 23, 2012 10:46 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: TW100F, Case , & Icom auto tuner.

BTW, the Icom marine antenna tuners can often be had at a real bargain especially in the coastal areas. This because most Hams are not aware of them, and used HF/SSB marine equipment can often be had cheep! last year I purchased a NIB AT-120 with an Icom M700 transceiver for $250 off ebay. I turned around and sold the M700 for $250(also on ebay) so got the tuner for free.

The AT-120, AT-130, & AT-140, are all functionally interchangeable. I have no idea what their deference's are, it may be simple software/memory features. These tuners are rated at a full 150 watt, and though they look just like the 100 watt AH-4 they are about 50% larger. The AH-4 will work up to 6 meter, the marine tuners will not. But when used with the TW100 who cares.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

756. Re: [transworld_radio] Alex, Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-24 04:55:15 UTC
From: Alex J Rokowetz
Topic: 742 Message: 756

Pat,

I have no personal experience with them but I trust Dennis's judgement. He has mentioned them in the past. About two months ago, I started keeping an eye an out for marine radios and hope to eventually find something cheap, like you did with your Harris RF3200. I would expect marine radios to be well built because of the harsh environment within which they are used. BTW, Datron sold the TW7000 radios to maritime clients. Is the RF3200 in your possession yet, or does Al still have it?

Alex
K2AJR

>_____
>From: Pasquale Lombardi <pasquale.nj@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, February 23, 2012 8:18 PM
>Subject: [transworld_radio] Alex, Re: TW100F, Case , & Icom auto tuner.
>
>
>
>Alex, Any thoughts of these antenna tuners?
>
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>To: transworld_radio@yahoogroups.com
>Subject: Re: [transworld_radio] Re: TW100F, Case , & Icom auto tuner.
>
>
>BTW, the Icom marine antenna tuners can often be had at a real bargain especially in the coastal areas. This because most Hams are not aware of them, and used HF/SSB marine equipment can often be had cheep! last year I purchased a NIB AT-120 with an Icom M700 transceiver for $250 off ebay. I turned around and sold the M700 for $250(also on ebay) so got the tuner for free.
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>The AT-120, AT-130, & AT-140, are all functionally interchangeable. I have no idea what their deference's are, it may be simple software/memory features. These tuners are rated at a full 150 watt, and though they look just like the 100 watt AH-4 they are about 50% larger. The AH-4 will work up to 6 meter, the marine tuners will not. But when used with the TW100 who cares.
>
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>HFpack/Milpack Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5

>
>
>
>

757. RE: [transworld_radio] Alex, Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-24 05:02:18 UTC
From: Pasquale Lombardi
Topic: 742 Message: 757

Alex,

The RF-3200 is still at Al's home.

I shall try to go back to the marine surplus/flea store.

Pat in Fl.

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Thursday, February 23, 2012 11:55 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Alex, Re: TW100F, Case , & Icom auto tuner.

Pat,

I have no personal experience with them but I trust Dennis's judgement. He has mentioned them in the past. About two months ago, I started keeping an eye an out for marine radios and hope to eventually find something cheap, like you did with your Harris RF3200. I would expect marine radios to be well built because of the harsh environment within which they are used. BTW, Datron sold the TW7000 radios to maritime clients. Is the RF3200 in your possession yet, or does Al still have it?

Alex
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From: Pasquale Lombardi <pasquale.nj@...>
To: transworld_radio@yahoogroups.com
Sent: Thursday, February 23, 2012 8:18 PM
Subject: [transworld_radio] Alex, Re: TW100F, Case , & Icom auto tuner.

Alex, Any thoughts of these antenna tuners?

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[mailto:transworld_radio@yahoogroups.com] On Behalf Of Dennis
Sent: Thursday, February 23, 2012 10:46 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: TW100F, Case , & Icom auto tuner.

BTW, the Icom marine antenna tuners can often be had at a real bargain especially in the coastal areas. This because most Hams are not aware of them, and used HF/SSB marine equipment can often be had cheep! last year I purchased a NIB AT-120 with an Icom M700 transceiver for $250 off ebay. I turned around and sold the M700 for $250(also on ebay) so got the tuner for free.

The AT-120, AT-130, & AT-140, are all functionally interchangeable. I have no idea what their deference's are, it may be simple software/memory features. These tuners are rated at a full 150 watt, and though they look just like the 100 watt AH-4 they are about 50% larger. The AH-4 will work up to 6 meter, the marine tuners will not. But when used with the TW100 who cares.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

758. Re: TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-24 22:59:57 UTC
From: anthonyradio1942
Topic: 742 Message: 758

Hi all,
Lot of interesting stuff, my thanks indeed.
Anthony

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> By TW100 I assume you mean the TW100F FlyAway?
> It's is hard to pin down any clandestine use however the sets are known to have been used by the CIA as an embassy backup radio.
>
>
> Use by US Special Forces is an absolute! My example was used in Desert Storm and saw service with the US 18th Airborne(stenciled on it). A good friend has another example with shipping labels from Afghanistan, Uzbekistan, & a few others. It actually has a data tag with the military nomenclature of PRC-1173. It was supplied with, and still included when he got it, a Barker & Williamson T2FD which had matching shipping labels on it's original card board shipping container.
>
> The Fly-Away followed in a long tradition of suite case housed rapid deployment HF/SSB systems which began with the Collins KWM-2A, progressed to the Cubic Astro D(Diplomat or Ambassador), and continued on with various Motorola Micom packages, & the Harris RF-3200T.
>
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> HFpack/Milpack Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
> ----- Original Message -----
> > From: anthonyradio1942 <anthonyradio1942@...>
> > To: transworld_radio@yahoogroups.com
> > Cc:
> > Sent: Wednesday, February 22, 2012 5:10 PM
> > Subject: [transworld_radio] TW100 Clandestine ?
> >
> > Hi all,,
> > As a new member I have not had chance to search for any previous answers to this
> > question, sorry if it's been covered.
> > Was the TW100 in common use with the CIA MI5 MI6 etc. ?
> > Thanks
> >
> >
> >

> > ----------
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> > Yahoo! Groups Links
> >
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> >
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759. Re: [transworld_radio] Re: TW100 Clandestine ?

Yahoo group: transworld_radio
Date: 2012-02-25 00:50:40 UTC
From: ed.leavitt@JUNO.COM
Topic: 742 Message: 759

A few years back I did an experiment with a Flyaway. I wanted to see how sensitive it was to having a real ground connection. SHARES North West Region 10 held a regular Wednesday morning net. I recall that we were using a 9 MHz freq back them. I set the suitcase on the hood of my Ford Explorer, ran out roughly 35 feet of wire draped over some rhododendrons. I connected the ground strap to a garden hose bib that connects into public water supply comprised entirely of galvanized pipe. I did a radio check with our NCS. I'm in Tacoma, WA; he was in Pocatello ID. We are about 400 miles apart. FAIR READABLE was his report. Next I moved the ground clamp to a wheel lug on the Explorer. Retuning was required; the report came back as FAIR READABLE again. Next I disconnected the ground lead and let it dangle...and retuned. FAIR READABLE again!

The net was about to close so the only thing I could think of to make things even worse was to take the 35 feet of wire down and lay it directly on the asphalt driveway. I retuned again, this time I received a signal report of WEAK READABLE.

All of this reinforces what I have long believed, that if the distant end has a good antenna you can get away with a poor to terrible antenna.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Thu, 23 Feb 2012 14:30:26 -0800 (PST) Alex J Rokowetz
<belarok@...> writes:

I find using the TW100F with an end-fed wire antenna to be a really quick way to get on air. We used our flyaway today on 60M with a half wavelength wire antenna about 20 feet high at the end, and a half wavelngth counterpoise laid out beneath the antenna. Worked like a charm.

Alex
K2AJR

_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/4f483322e15bc17a8d3cst01vuc

760. Re: [transworld_radio] Alex, Re: TW100F, Case , & Icom auto tuner.

Yahoo group: transworld_radio
Date: 2012-02-25 01:00:37 UTC
From: ed.leavitt@JUNO.COM
Topic: 742 Message: 760

I adore Marine radios. A lot of HAMS hate them because they are totally channelized with no dials to spin. But they tend to be rock solid on frequency stability, and have great audio. If I were hunting for one my first choice would be an Icom IC-M710. There are 160 user programmable channels and about 1000 "dealer programmable" freqs that you can use if you have the right software. Another good choice is the Icom IC-M700TY. It has 64 memories and was built to withstand 100% duty cycle TTY. The IC-M700 was designed as a voice radio. It has fewer memories and a smaller fan, nevertheless a fine radio.

If you snag one, expect the hand mic to be sound cancelling so you need to close-talk the mic.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Thu, 23 Feb 2012 20:55:15 -0800 (PST) Alex J Rokowetz
<belarok@...> writes:

Pat,

I have no personal experience with them but I trust Dennis's judgement. He has mentioned them in the past. About two months ago, I started keeping an eye an out for marine radios and hope to eventually find something cheap, like you did with your Harris RF3200. I would expect marine radios to be well built because of the harsh environment within which they are used. BTW, Datron sold the TW7000 radios to maritime clients. Is the RF3200 in your possession yet, or does Al still have it?

Alex
K2AJR

---
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/4f483322831ab17a8d23st01vuc

761. TW-100 DC Power Connector

Yahoo group: transworld_radio
Date: 2012-03-02 02:15:09 UTC
From: Al
Topic: 761 Message: 761

Has anyone managed to identify the 2-pin Molex-like DC power connector,
Need a source for the female mating plug.

Al

762. TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-05 23:25:07 UTC
From: Brooke Clarke
Topic: 762 Message: 762

Hi:

I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third party.
I think it may use the same PCB as is used in the UPF7000 Power Supply.
But searching all the manuals in the Files section does not turn up anything.

Is there some documentation on this AC power supply?
http://www.prc68.com/I/TW100F.shtml

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

763. Re: TW-100 DC Power Connector

Yahoo group: transworld_radio
Date: 2012-03-06 15:51:19 UTC
From: Alex J Rokowetz
Topic: 761 Message: 763

Al,

I already answered your question offline, but for the benfit of the other group members, here's the information:

These are made by TE Connectivity and can be obtained from the usual sources... Newark, Mouser, etc.

Mfr Part Number: 1-350344-0 Connector Housing
Mfr Part Number: 350390-1 Contact, Socket (2 contacts needed for each connector housing)

Keep in mind, this is the DC power connector for the later version of the TW100 (the one with the DB9 accesory connectors).

Alex
K2AJR

--- In transworld_radio@yahoogroups.com, "Al" <al@...> wrote:
>
> Has anyone managed to identify the 2-pin Molex-like DC power connector,
> Need a source for the female mating plug.
>
> Al
>

764. Re: [transworld_radio] TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-07 04:05:43 UTC
From: wa9dgm@aol.com
Topic: 762 Message: 764

Have you tried calling transworld? They do exist. In SoCal. 73 John

On Mar 5, 2012, at 15:25, Brooke Clarke <brooke@...> wrote:

> Hi:
>
> I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third party.
> I think it may use the same PCB as is used in the UPF7000 Power Supply.
> But searching all the manuals in the Files section does not turn up anything.
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> Is there some documentation on this AC power supply?
> http://www.prc68.com/I/TW100F.shtml
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/Brooke4Congress.html
>
>

765. Re: TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-07 05:13:41 UTC
From: Alex J Rokowetz
Topic: 762 Message: 765

Brooke,

I deal with Datron (formerly Transworld) and find their techs to be very knowledgable about old product lines that are no longer officially supported. They have also been very helpful in providing me with guidance, part numbers, documentation, etc.

You could call the main number and tell the operator that you need to speak with technical support for HF radios and she will transfer you.

Datron
3055 Enterprise Court
Vista, CA 92081
U.S.A.
(760) 597-1500

When the operator transfers you, you will probably get Jimmy Diaz or Luis Perez, both of who are great. They have helped me on many occassions.

If this doesn't work, let me know and I will give some direct contact infromation for the techs.
Alex
K2AJR

--- In transworld_radio@yahoogroups.com, wa9dgm@... wrote:
>
> Have you tried calling transworld? They do exist. In SoCal. 73 John
>
> On Mar 5, 2012, at 15:25, Brooke Clarke <brooke@...> wrote:
>
> > Hi:
> >
> > I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third party.
> > I think it may use the same PCB as is used in the UPF7000 Power Supply.
> > But searching all the manuals in the Files section does not turn up anything.
> >
> > Is there some documentation on this AC power supply?
> > http://www.prc68.com/I/TW100F.shtml
> >
> > --
> > Have Fun,
> >
> > Brooke Clarke
> > http://www.PRC68.com
> > http://www.end2partygovernment.com/Brooke4Congress.html
> >

> >
>

766. Re: [transworld_radio] Re: TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-07 16:55:58 UTC
From: Brooke Clarke
Topic: 762 Message: 766

Hi Alex:

Thanks. I just got off the phone with them and they're going to try and help.

What is the MS connector number for the 14 socket accessory connector and the 4 socket DC Power connector?
The manual has the pin outs for them but not their MS numbers.
http://www.prc68.com/I/TW100F.shtml#Con

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

Alex J Rokowetz wrote:
> Brooke,
>
> I deal with Datron (formerly Transworld) and find their techs to be very knowledgable about old product lines that are no longer officially supported. They have also been very helpful in providing me with guidance, part numbers, documentation, etc.
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> You could call the main number and tell the operator that you need to speak with technical support for HF radios and she will transfer you.
>
> Datron
> 3055 Enterprise Court
> Vista, CA 92081
> U.S.A.
> (760) 597-1500
>
> When the operator transfers you, you will probably get Jimmy Diaz or Luis Perez, both of who are great. They have helped me on many occassions.
>
> If this doesn't work, let me know and I will give some direct contact infromation for the techs.
> Alex
> K2AJR
>
>
>
>
> --- In transworld_radio@yahoogroups.com, wa9dgm@... wrote:
>> Have you tried calling transworld? They do exist. In SoCal. 73 John
>>
>> On Mar 5, 2012, at 15:25, Brooke Clarke<brooke@...> wrote:

>>
>>> Hi:
>>>
>>> I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third party.
>>> I think it may use the same PCB as is used in the UPF7000 Power Supply.
>>> But searching all the manuals in the Files section does not turn up anything.
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>>> Is there some documentation on this AC power supply?
>>> http://www.prc68.com/I/TW100F.shtml
>>>
>>> --
>>> Have Fun,
>>>
>>> Brooke Clarke
>>> http://www.PRC68.com
>>> http://www.end2partygovernment.com/Brooke4Congress.html
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> Yahoo! Groups Links
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767. Re: TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-07 17:15:17 UTC
From: n9pse
Topic: 762 Message: 767

All;

I've recently sent a letter (snail mail) to Mr. William Perry (identified in message 406) to see if he still can supply the 4-pin power connector, part number: CA 3106A12SA-10P

Also, I asked about the 14-pin accessory connector, I think the part number is: CX S 3106A 20-27 14 P

(I found a reference somewhere on line for mil-spec connectors, but don't have it handy, here).

I haven't yet heard back from Mr. Perry, but will keep y'all up to date on what I find out.

73
Mark
N9PSE

--- In transworld_radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Alex:
>
> Thanks. I just got off the phone with them and they're going to try and help.
>
> What is the MS connector number for the 14 socket accessory connector and the 4 socket DC Power connector?
> The manual has the pin outs for them but not their MS numbers.
> http://www.prc68.com/I/TW100F.shtml#Con
>
> Have Fun,
>
> Brooke Clarke, N6GCE
> http://www.PRC68.com
> http://www.end2partygovernment.com/Brooke4Congress.html

>

768. Re: TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-07 17:31:24 UTC
From: n9pse
Topic: 762 Message: 768

Found my reference:

http://www.mouser.com/catalog/specsheets/inhouse_Amphenol_DTL-5015_connectors.pdf

This may be the part, but I'll have to compare specs once I have the radio in front of me:

http://www.mouser.com/ProductDetail/Amphenol-Industrial/MS3106E22-19S/?qs=sGAEpiMZZMvwyOPDUMfDH2P%252buTD%2f0Nz%252bsOLclDB6AYQ%3d

--- In transworld_radio@yahoogroups.com, "n9pse" <n9pse@...> wrote:
>
> All;
>
> I've recently sent a letter (snail mail) to Mr. William Perry (identified in message 406) to see if he still can supply the 4-pin power connector, part number: CA 3106A12SA-10P
>
> Also, I asked about the 14-pin accessory connector, I think the part number is: CX S 3106A 20-27 14 P
>
> (I found a reference somewhere on line for mil-spec connectors, but don't have it handy, here).
>
> I haven't yet heard back from Mr. Perry, but will keep y'all up to date on what I find out.
>
> 73
> Mark
> N9PSE
>
> --- In transworld_radio@yahoogroups.com, Brooke Clarke <brooke@> wrote:
> >
> > Hi Alex:
> >
> > Thanks. I just got off the phone with them and they're going to try and help.
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> > http://www.prc68.com/I/TW100F.shtml#Con
> >
> > Have Fun,
> >
> > Brooke Clarke, N6GCE
> > http://www.PRC68.com
> > http://www.end2partygovernment.com/Brooke4Congress.html
>

> >
>

769. Re: [transworld_radio] Re: TW100F connectors

Yahoo group: transworld_radio
Date: 2012-03-07 17:34:22 UTC
From: Dennis
Topic: 762 Message: 769

Both the TW100F front panel connectors are available. I purchased same from Perry at Dayton 2010 then later found that I had them in my junk box at home.

Both connectors are used on a number of other equipment types. The larger multi pin connector is also used on Harris antenna tuners and the RF-350.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
> From: n9pse <n9pse@...>
>To: transworld_radio@yahoogroups.com
>Sent: Wednesday, March 7, 2012 11:15 AM
>Subject: [transworld_radio] Re: TW100F AC Power Supply Docs?
>
>All;
>
>I've recently sent a letter (snail mail) to Mr. William Perry (identified in message 406) to see if he still can supply the 4-pin power connector, part number: CA 3106A12SA-10P
>
>Also, I asked about the 14-pin accessory connector, I think the part number is: CX S 3106A 20-27 14 P
>
>(I found a reference somewhere on line for mil-spec connectors, but don't have it handy, here).
>
>I haven't yet heard back from Mr. Perry, but will keep y'all up to date on what I find out.
>
>73
>Mark
>N9PSE
>
>--- In transworld_radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>>
>> Hi Alex:
>>
>> Thanks. I just got off the phone with them and they're going to try and help.
>>
>> What is the MS connector number for the 14 socket accessory connector and the 4 socket DC Power connector?
>> The manual has the pin outs for them but not their MS numbers.
>> http://www.prc68.com/I/TW100F.shtml#Con

>>
>> Have Fun,
>>
>> Brooke Clarke, N6GCE
>> http://www.PRC68.com
>> http://www.end2partygovernment.com/Brooke4Congress.html
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>Yahoo! Groups Links
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770. Re: [transworld_radio] Re: TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-07 18:20:10 UTC
From: Alex J Rokowetz
Topic: 762 Message: 770

Brooke,

Glad hear the folks at Datron are willing to lend a hand. Please let the group know how you make out.

The MS designator for the 14 pin accessory connector is MS3106A20-27P. It is readily available at distributors like Newark, Mouser, etc. The 97 series version of this connector is sometimes less expensive so you may want to consider the 97 series connector. I suppose you already know that you will also need the appropriate strain relief clamp and bushing to go along with the connector.

The designator for the 4 pin DC power connector is CA3106E12SA-10P. Near as I can tell, the only distributor that carries this pricey connector is Pei-Genesis. I ordered some of these from Pei -Genesis and they worked fine. This is an "e" series connector, so no additional strain relief clamp or busining is required.

Alex
K2AJR

>_____
>From: Brooke Clarke <brooke@...>
>To: transworld_radio@yahoogroups.com
>Sent: Wednesday, March 7, 2012 11:55 AM
>Subject: Re: [transworld_radio] Re: TW100F AC Power Supply Docs?
>
>
>
>Hi Alex:
>
>Thanks. I just got off the phone with them and they're going to try and help.
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>http://www.prc68.com/I/TW100F.shtml#Con
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>Have Fun,
>
>Brooke Clarke, N6GCE
>http://www.PRC68.com
>http://www.end2partygovernment.com/Brooke4Congress.html
>
>Alex J Rokowetz wrote:
>> Brooke,
>>
>> I deal with Datron (formerly Transworld) and find their techs to be very knowledgable

about old product lines that are no longer officially supported. They have also been very helpful in providing me with guidance, part numbers, documentation, etc.
>>
>> You could call the main number and tell the operator that you need to speak with technical support for HF radios and she will transfer you.
>>
>> Datron
>> 3055 Enterprise Court
>> Vista, CA 92081
>> U.S.A.
>> (760) 597-1500
>>
>> When the operator transfers you, you will probably get Jimmy Diaz or Luis Perez, both of who are great. They have helped me on many occassions.
>>
>> If this doesn't work, let me know and I will give some direct contact infromation for the techs.
>> Alex
>> K2AJR
>>
>>
>>
>>
>> --- In transworld_radio@yahoogroups.com, wa9dgm@... wrote:
>>> Have you tried calling transworld? They do exist. In SoCal. 73 John
>>>
>>> On Mar 5, 2012, at 15:25, Brooke Clarke<brooke@...> wrote:
>>>
>>>> Hi:
>>>>
>>>> I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third party.
>>>> I think it may use the same PCB as is used in the UPF7000 Power Supply.
>>>> But searching all the manuals in the Files section does not turn up anything.
>>>>
>>>> Is there some documentation on this AC power supply?
>>>> http://www.prc68.com/I/TW100F.shtml
>>>>
>>>> --
>>>> Have Fun,
>>>>
>>>> Brooke Clarke
>>>> http://www.PRC68.com
>>>> http://www.end2partygovernment.com/Brooke4Congress.html
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>> Yahoo! Groups Links
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771. Datron Cables

Yahoo group: transworld_radio
Date: 2012-03-07 18:25:56 UTC
From: Alex J Rokowetz
Topic: 762 Message: 771

I think I should mention that Datron will build any cable you need upon request... even for their products that are no longer in production. Sometimes, the price is exhorbitant... other times the cost is just a few bucks more than what the parts will cost you if you buy them on the open market. It never hurts to ask them.

Alex
K2AJR

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Brooke,
> Â
> Glad hear the folks at Datron are willing toÂ lend a hand.Â Please let the group know how you make out.
> Â
> The MS designator for the 14 pin accessory connector is MS3106A20-27P.Â It is readily available at distributors like Newark, Mouser, etc.Â The 97 series version of this connector is sometimes less expensiveÂ so you may want to consider the 97 series connector.Â I suppose you already know that you will also need the appropriate strain relief clamp and bushing to go along with the connector.
> Â
> The designator for the 4 pin DC power connector is CA3106E12SA-10P.Â Near as I can tell, the only distributor that carries this pricey connector is Pei-Genesis.Â I ordered some of these from Pei -Genesis and they workedÂ fine.Â This is an "e" seriesÂ connector, so no additional strain relief clamp or busining is required.
> Â
> Alex
> K2AJR
>
>
> >_____
> >From: Brooke Clarke <brooke@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Wednesday, March 7, 2012 11:55 AM
> >Subject: Re: [transworld_radio] Re: TW100F AC Power Supply Docs?
> >
> >
> >Â
> >Hi Alex:
> >
> >Thanks. I just got off the phone with them and they're going to try and help.
> >
> >What is the MS connector number for the 14 socket accessory connector and the 4 socket DC Power connector?
> >The manual has the pin outs for them but not their MS numbers.

> >http://www.prc68.com/I/TW100F.shtml#Con
> >
> >Have Fun,
> >
> >Brooke Clarke, N6GCE
> >http://www.PRC68.com
> >http://www.end2partygovernment.com/Brooke4Congress.html
> >
> >Alex J Rokowetz wrote:
> >> Brooke,
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> >> I deal with Datron (formerly Transworld) and find their techs to be very knowledgable about old product lines that are no longer officially supported. They have also been very helpful in providing me with guidance, part numbers, documentation, etc.
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> >> You could call the main number and tell the operator that you need to speak with technical support for HF radios and she will transfer you.
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> >> Datron
> >> 3055 Enterprise Court
> >> Vista, CA 92081
> >> U.S.A.
> >> (760) 597-1500
> >>
> >> When the operator transfers you, you will probably get Jimmy Diaz or Luis Perez, both of who are great. They have helped me on many occassions.
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> >> If this doesn't work, let me know and I will give some direct contact infromation for the techs.
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> >>
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> >>
> >> --- In transworld_radio@yahoogroups.com, wa9dgm@ wrote:
> >>> Have you tried calling transworld? They do exist. In SoCal. 73 John
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> >>> On Mar 5, 2012, at 15:25, Brooke Clarke<brooke@> wrote:
> >>>
> >>>> Hi:
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> >>>> I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third party.
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```
> >>>> --
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> >>>>
> >>>> Brooke Clarke
> >>>> http://www.PRC68.com
> >>>> http://www.end2partygovernment.com/Brooke4Congress.html
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772. Re: [transworld_radio] Re: TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-03-07 19:15:47 UTC
From: Brooke Clarke
Topic: 762 Message: 772

Hi Alex:

Just got off the phone with William Perry.
http://www.prc68.com/I/MSD.shtml#W
The p/ns you mention are the correct ones and have them on order. The CA... part is an odd ball the Bill makes.
His prices are far lower than the commercial suppliers. Note the cable clamp (strain relief) is an additional part
needed to go with the connector in order to make a cable connector so the commercial cost is much higher than you might
at first think.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

Alex J Rokowetz wrote:
>
>
> Brooke,
> Glad hear the folks at Datron are willing to lend a hand. Please let the group know how you make out.
> The MS designator for the 14 pin accessory connector is MS3106A20-27P. It is readily available at distributors like
> Newark, Mouser, etc. The 97 series version of this connector is sometimes less expensive so you may want to consider
> the 97 series connector. I suppose you already know that you will also need the appropriate strain relief clamp and
> bushing to go along with the connector.
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> carries this pricey connector is Pei-Genesis. I ordered some of these from Pei -Genesis and they worked fine. This
> is an "e" series connector, so no additional strain relief clamp or busining is required.
> Alex
> K2AJR
>
> *From:* Brooke Clarke <brooke@...>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Wednesday, March 7, 2012 11:55 AM
> *Subject:* Re: [transworld_radio] Re: TW100F AC Power Supply Docs?
>
> Hi Alex:
>

> Thanks. I just got off the phone with them and they're going to try and help.
>
> What is the MS connector number for the 14 socket accessory connector and the 4 socket DC Power connector?
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> http://www.prc68.com/I/TW100F.shtml#Con
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> Have Fun,
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> Brooke Clarke, N6GCE
> http://www.PRC68.com
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> Alex J Rokowetz wrote:
> > Brooke,
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> > I deal with Datron (formerly Transworld) and find their techs to be very knowledgable about old product lines
> that are no longer officially supported. They have also been very helpful in providing me with guidance, part
> numbers, documentation, etc.
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> > You could call the main number and tell the operator that you need to speak with technical support for HF radios
> and she will transfer you.
> >
> > Datron
> > 3055 Enterprise Court
> > Vista, CA 92081
> > U.S.A.
> > (760) 597-1500
> >
> > When the operator transfers you, you will probably get Jimmy Diaz or Luis Perez, both of who are great. They
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> > --- In transworld_radio@yahoogroups.com <mailto:transworld_radio%40yahoogroups.com>, wa9dgm@... wrote:
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> >> On Mar 5, 2012, at 15:25, Brooke Clarke<brooke@...> wrote:
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> >>> Hi:
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> >>> I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third
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> >>> I think it may use the same PCB as is used in the UPF7000 Power Supply.
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> >>> Brooke Clarke
> >>> http://www.PRC68.com <http://www.prc68.com/>
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773. UPS100 Power Supply

Yahoo group: transworld_radio
Date: 2012-04-07 01:11:31 UTC
From: Alex J Rokowetz
Topic: 773 Message: 773

Guys,

I just picked up a UPS100 power supply that I plan on using with my RT100. My RT100 runs on 12V and the UPS100 is supposed to put out 12V but it's only putting out 10.5V. I'm pretty sure that's not right.

Unfortunately, I do not have a service manual. Does anyone have a copy of the service manual they can email me? Or might there be a kind soul that would be willing to make a copy of their printed version? I am more than willing to compensate you for your expense and effort.

Thanks in advance,

Alex
K2AJR

774. RE: [transworld_radio] UPS100 Power Supply

Yahoo group: transworld_radio
Date: 2012-04-07 01:16:25 UTC
From: Charles Dicecca
Topic: 773 Message: 774

Hi Alex:

I do not have a manual but I will have a look at it for you if need be.

The TW designs are fairly basic and I suspect it looks a lot like the supply in the TW100 radios.

Let me know if you need technical help on this one.

Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Friday, April 06, 2012 9:12 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] UPS100 Power Supply

Guys,

I just picked up a UPS100 power supply that I plan on using with my RT100. My RT100 runs on 12V and the UPS100 is supposed to put out 12V but it's only putting out 10.5V. I'm pretty sure that's not right.

Unfortunately, I do not have a service manual. Does anyone have a copy of the service manual they can email me? Or might there be a kind soul that would be willing to make a copy of their printed version? I am more than willing to compensate you for your expense and effort.

Thanks in advance,

Alex
K2AJR

_____ Information from ESET NOD32 Antivirus, version of virus signature database 7031 (20120405) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

775. Re: [transworld_radio] UPS100 Power Supply

Yahoo group: transworld_radio
Date: 2012-04-07 01:43:41 UTC
From: Radio Station KW1I
Topic: 773 Message: 775

Alex,

I am not familiar with the the unit you ask about, but in general I believe a UPS consists of a battery that a power supply keeps charged up. If you have low voltage you either have a bad battery or a bad power supply or both. Usually a bad battery will charge up with a good power supply, but when the UPS is unplugged the battery voltage drops fairly quickly or sometimes immediately. One bad cell can cause an otherwise good battery to level off near 10.5 v. Can you tell if the power supply is working at all? Is the battery made up of top connected cells or separate cells so you can measure each cell? Does the UPS have a fuse?

Dale

----- Original Message -----
From: Alex J Rokowetz
To: transworld_radio@yahoogroups.com
Sent: Friday, April 06, 2012 9:11 PM
Subject: [transworld_radio] UPS100 Power Supply

Guys,

I just picked up a UPS100 power supply that I plan on using with my RT100. My RT100 runs on 12V and the UPS100 is supposed to put out 12V but it's only putting out 10.5V. I'm pretty sure that's not right.

Unfortunately, I do not have a service manual. Does anyone have a copy of the service manual they can email me? Or might there be a kind soul that would be willing to make a copy of their printed version? I am more than willing to compensate you for your expense and effort.

Thanks in advance,

Alex
K2AJR

776. Re: [transworld_radio] UPS100 Power Supply

Yahoo group: transworld_radio
Date: 2012-04-07 01:43:49 UTC
From: Alex J Rokowetz
Topic: 773 Message: 776

Charlie,

Thanks for your offer. I just emailed you offline with some details.

If anyone else can help me get a hold of a manual, I will greatly appreciate your help.

Alex
K2AJR

>_____
>From: Charles Dicecca <bc375@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, April 6, 2012 9:16 PM
>Subject: RE: [transworld_radio] UPS100 Power Supply
>
>
>
>Hi Alex:
>I do not have a manual but I will have a look at it for you if need be.
>The TW designs are fairly basic and I suspect it looks a lot like the supply in the TW100 radios.
>Let me know if you need technical help on this one.
>Charlie
>
>From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
>Sent: Friday, April 06, 2012 9:12 PM
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] UPS100 Power Supply
>
>
>Guys,
>
>I just picked up a UPS100 power supply that I plan on using with my RT100. My RT100 runs on 12V and the UPS100 is supposed to put out 12V but it's only putting out 10.5V. I'm pretty sure that's not right.
>
>Unfortunately, I do not have a service manual. Does anyone have a copy of the service manual they can email me? Or might there be a kind soul that would be willing to make a copy of their printed version? I am more than willing to compensate you for your expense and effort.
>
>Thanks in advance,
>
>Alex
>K2AJR

>
>
>_____ Information from ESET NOD32 Antivirus, version of virus signature database
7031 (20120405) _____
>
>The message was checked by ESET NOD32 Antivirus.
>
>http://www.eset.com
>
>
>

777. Re: [transworld_radio] UPS100 Power Supply

Yahoo group: transworld_radio
Date: 2012-04-07 02:13:27 UTC
From: Alex J Rokowetz
Topic: 773 Message: 777

Dale,

Thank you for your response. Although this product uses the acronym UPS, I don't think it stands for uninterruptable power supply because there is no battery inside nor do I see an empty space for a battery. There are two transformers and a big capacitor and not much room for a battery. I have taken some photos of the power supply (inside and outside) and posted them to the photos section of this yahoo group in a folder titled 'UPS100'.

http://groups.yahoo.com/group/transworld_radio/photos/album/1863736836/pic/list

There was printed schematic that was affixed to the inside cover of the power supply. I have included photos of that schematic as well. Strangely, the schematic shows only one DC out connector, but this power supply has two, one on the front panel and one on the rear panel.

The UPS powers up but both DC connectors only show 10.5 volts out. The UPS100 does have an AC fuse that is not blown.

Alex
K2AJR

>_____
>From: Radio Station KW1I <kw1i@...>
>To: transworld_radio@yahoogroups.com
>Cc: Charles Dicecca <bc375@...>
>Sent: Friday, April 6, 2012 9:43 PM
>Subject: Re: [transworld_radio] UPS100 Power Supply
>
>
>
>Alex,
>
>I am not familiar with the the unit you ask about, but in general I believe a UPS consists of a battery that a power supply keeps charged up. If you have low voltage you either have a bad battery or a bad power supply or both. Usually a bad battery will charge up with a good power supply, but when the UPS is unplugged the battery voltage drops fairly quickly or sometimes immediately. One bad cell can cause an otherwise good battery to level off near 10.5 v. Can you tell if the power supply is working at all? Is the battery made up of top connected cells or separate cells so you can measure each cell? Does the UPS have a fuse?
>
>Dale
>
>
>
>

>----- Original Message -----
>From: Alex J Rokowetz
>To: transworld_radio@yahoogroups.com
>Sent: Friday, April 06, 2012 9:11 PM
>Subject: [transworld_radio] UPS100 Power Supply
>
>
>Guys,
>
>I just picked up a UPS100 power supply that I plan on using with my RT100. My RT100 runs on 12V and the UPS100 is supposed to put out 12V but it's only putting out 10.5V. I'm pretty sure that's not right.
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>
>Thanks in advance,
>
>Alex
>K2AJR
>
>
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>
>

778. Re: UPS100 Power Supply...

Yahoo group: transworld_radio
Date: 2012-04-07 12:21:40 UTC
From: Bruno
Topic: 778 Message: 778

Alex,

The UPS100 is a very basic, transformer based, unregulated power supply which was designed for the RT100 series. It was offered as either 12V or 28V output and either 110 Vac or 220/240 Vac input.

The following assumes you have UPS100 configured for 110 Vac input, 12 Vdc output.

The low voltage could simply be that the user had a higher AC line voltage and soldered the wires to different taps on the transformer. Apart from that, you have rectifiers and capacitors, fuses and a "TRANSORB". One "custom" use of a device is the TRANSORB across the output. This is normally designed to absorb momentary transients but Transworld used it as a crowbar. If the voltage exceeds the TRANSORB's trigger point, it self-destructs in short circuit mode, thus blowing the FUSE as it is shorting the output. (i.e. catastrophic failure. you either replace the TRANSORB or just remove it (no over voltage protection)).

I'll try to dig out a schematic but quite honestly, it's a very simple and basic transformer based, non-regulated supply with multiple taps on the transformer to that it can be configured for different AC and DC voltages.

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

779. Re: UPS100 Power Supply...

Yahoo group: transworld_radio
Date: 2012-04-07 12:30:12 UTC
From: w4afk
Topic: 778 Message: 779

By the way,

That extra front panel connector is not standard and I don't recall seeing it. The other reason I mention this is that there is no silk screening on the phone. Transworld always identified the connectors as this was important for our users. I can only assume that it was "modified" after market so I can't help on that side.

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

780. UPS100

Yahoo group: transworld_radio
Date: 2012-04-07 12:33:01 UTC
From: w4afk
Topic: 780 Message: 780

By the way,

That extra front panel connector is not standard and I don't recall seeing it.The other reason I mention this is that there is no silk screening on the front. Transworld always identified the connectors as this was important for our users.

I can only assume that it was "modified" after market so I can't help on that side.

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

781. Re: UPS100 Power Supply...

Yahoo group: transworld_radio
Date: 2012-04-07 21:12:05 UTC
From: Neil N4SI
Topic: 778 Message: 781

Alex,
As Bruno said: It's simple; It's unregulated. Assuming there are no failed components... and I can't imagine any to cause your unit's simptoms... It probably wired for 120 (or 240) and you are using it on 110 (or 220) or lower. There is no voltage adjustment except rewiring the transformer primaries. Your output is about 10-15 percent low and the normal cause is the input voltage is lower than the unit expects.

Hope this helps.

By the way one of the wiring diagrams for 220 should be for 240. And one of them is incorrect. I didn't pursue that, but I did check the 110 and 120 diagrams and they are OK.

73 Neil, N4SI

782. UPS100 Taps Rewired

Yahoo group: transworld_radio
Date: 2012-04-07 21:45:35 UTC
From: Alex J Rokowetz
Topic: 782 Message: 782

Charlie,
Dale,
Bruno,

Thanks for your help and advice. After today's Moose & Squirrel net, I came back home and rewired the taps on the transformers to match the schematic (Switch to Tap 1, AC+ to tap 6, taps 1-2 and 5-6 shorted on each transformer, and a jumper between the #6 taps on each transformers). I am now getting 22.8 volts out of either DC connector (front panel or rear panel). A much earlier post by Jay Serio about his UPS100 putting out 19.6 VDC states that the UPS100 provides a high no-load voltage that will drop when placed under load. Also, I checked the RT100 service manual and section 9.10 mentions a 20V transorb used to limit input voltage.

Question:

Am I good to go using this UPS100 putting out 22.8 VDC into my 12V RT100 or is some additional work required?

Thanks,

Alex
K2AJR

783. Re: [transworld_radio] UPS100 Taps Rewired

Yahoo group: transworld_radio
Date: 2012-04-08 02:32:36 UTC
From: Helmut Dietz
Topic: 782 Message: 783

Alex,

22.8 open circuit voltage seems high. I would get a car light bulb that draws about the same as the receive current (or a 12 ohm power resistor) of the RT-100, and check the voltage under load.

Regards,

Helmut
KB6NGS

From: Alex J Rokowetz <belarok@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Saturday, April 7, 2012 2:45 PM
Subject: [transworld_radio] UPS100 Taps Rewired

Charlie,
Dale,
Bruno,

Thanks for your help and advice. After today's Moose & Squirrel net, I came back home and rewired the taps on the transformers to match the schematic (Switch to Tap 1, AC+ to tap 6, taps 1-2 and 5-6 shorted on each transformer, and a jumper between the #6 taps on each transformers). I am now getting 22.8 volts out of either DC connector (front panel or rear panel). A much earlier post by Jay Serio about his UPS100 putting out 19.6 VDC states that the UPS100 provides a high no-load voltage that will drop when placed under load. Also, I checked the RT100 service manual and section 9.10 mentions a 20V transorb used to limit input voltage.

Question:

Am I good to go using this UPS100 putting out 22.8 VDC into my 12V RT100 or is some additional work required?

Thanks,

Alex
K2AJR

784. RE: [transworld_radio] UPS100 Taps Rewired

Yahoo group: transworld_radio
Date: 2012-04-08 04:13:37 UTC
From: Charles Dicecca
Topic: 782 Message: 784

Hi Alex:

You have to do a little load testing to be sure what to do.

You will need to simulate the transmitter being keyed for the test to be valid.

Basically, keying the transmitter with the mode set to CW will produce about a 20A load on the PS. This load testing should be on an intermittent basis.....keying dashes for example.

Thus, you will need to create a load that will draw 20A or so, and at the same time, it will drop the PS voltage from 22V to 12V. That's a 10V reduction from the open circuit value of 22V.
.

E=IR, so, if the loaded supply is to produce 12 to 14 volts, and 10V is the drop in voltage across the resistor, you will need a 0.5ohm resistor.

Hence, find a hefty half ohm resistor and load your supply as wired with a voltmeter across the resistor. You should see about 10 to 12 volts. If so, leave the supply alone and do nothing else.

Note that the 20V raw supply output is fed directly to the PA but not the rest of the radio. The rest of the radio wants to see 12V and there is a voltage regulating PS in the back of the radio to do that job.

Let me know what happens.

Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Saturday, April 07, 2012 5:46 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] UPS100 Taps Rewired

Charlie,

Dale,

Bruno,

Thanks for your help and advice. After today's Moose & Squirrel net, I came back home and rewired the taps on the transformers to match the schematic (Switch to Tap 1, AC+ to tap 6, taps 1-2 and 5-6 shorted on each transformer, and a jumper between the #6 taps on each transformers). I am now getting 22.8 volts out of either DC connector (front panel or rear

panel). A much earlier post by Jay Serio about his UPS100 putting out 19.6 VDC states that the UPS100 provides a high no-load voltage that will drop when placed under load. Also, I checked the RT100 service manual and section 9.10 mentions a 20V transorb used to limit input voltage.

Question:

Am I good to go using this UPS100 putting out 22.8 VDC into my 12V RT100 or is some additional work required?

Thanks,

Alex
K2AJR

_____ Information from ESET NOD32 Antivirus, version of virus signature database 7036 (20120407) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

785. Charles

Yahoo group: transworld_radio
Date: 2012-04-08 04:25:52 UTC
From: Pasquale Lombardi
Topic: 782 Message: 785

Happy Easter Charles and Family.

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Charles Dicecca
Sent: Sunday, April 08, 2012 12:14 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] UPS100 Taps Rewired

Hi Alex:

You have to do a little load testing to be sure what to do.

You will need to simulate the transmitter being keyed for the test to be valid.

Basically, keying the transmitter with the mode set to CW will produce about a 20A load on the PS. This load testing should be on an intermittent basis.....keying dashes for example.

Thus, you will need to create a load that will draw 20A or so, and at the same time, it will drop the PS voltage from 22V to 12V. That's a 10V reduction from the open circuit value of 22V.
.

E=IR, so, if the loaded supply is to produce 12 to 14 volts, and 10V is the drop in voltage across the resistor, you will need a 0.5ohm resistor.

Hence, find a hefty half ohm resistor and load your supply as wired with a voltmeter across the resistor. You should see about 10 to 12 volts. If so, leave the supply alone and do nothing else.

Note that the 20V raw supply output is fed directly to the PA but not the rest of the radio. The rest of the radio wants to see 12V and there is a voltage regulating PS in the back of the radio to do that job.

Let me know what happens.

Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Saturday, April 07, 2012 5:46 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] UPS100 Taps Rewired

Charlie,

Dale,

Bruno,

Thanks for your help and advice. After today's Moose & Squirrel net, I came back home and rewired the taps on the transformers to match the schematic (Switch to Tap 1, AC+ to tap 6, taps 1-2 and 5-6 shorted on each transformer, and a jumper between the #6 taps on each transformers). I am now getting 22.8 volts out of either DC connector (front panel or rear panel). A much earlier post by Jay Serio about his UPS100 putting out 19.6 VDC states that the UPS100 provides a high no-load voltage that will drop when placed under load. Also, I checked the RT100 service manual and section 9.10 mentions a 20V transorb used to limit input voltage.

Question:

Am I good to go using this UPS100 putting out 22.8 VDC into my 12V RT100 or is some additional work required?

Thanks,

Alex
K2AJR

_____ Information from ESET NOD32 Antivirus, version of virus signature database 7036 (20120407) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

786. RE: [transworld_radio] Charles

Yahoo group: transworld_radio
Date: 2012-04-08 04:28:39 UTC
From: Charles Dicecca
Topic: 782 Message: 786

In the old country they say Buona Pasqua...and here it's still the same. All the best to you and your family. Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Pasquale Lombardi
Sent: Sunday, April 08, 2012 12:26 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Charles

Happy Easter Charles and Family.

From: transworld_radio@yahoogroups.com
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To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] UPS100 Taps Rewired

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Thus, you will need to create a load that will draw 20A or so, and at the same time, it will drop the PS voltage from 22V to 12V. That's a 10V reduction from the open circuit value of 22V.
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E=IR, so, if the loaded supply is to produce 12 to 14 volts, and 10V is the drop in voltage across the resistor, you will need a 0.5ohm resistor.

Hence, find a hefty half ohm resistor and load your supply as wired with a voltmeter across the resistor. You should see about 10 to 12 volts. If so, leave the supply alone and do nothing else.

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Let me know what happens.

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http://www.eset.com

787. Charles

Yahoo group: transworld_radio
Date: 2012-04-08 04:30:31 UTC
From: Pasquale Lombardi
Topic: 782 Message: 787

Thanks Charles.

I was born on Easter Monday.

Shall Be 73.

You are up late.

Pat in Fl.

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Charles Dicecca
Sent: Sunday, April 08, 2012 12:29 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] Charles

In the old country they say Buona Pasqua...and here it's still the same. All the best to you and your family. Charlie

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Pasquale Lombardi
Sent: Sunday, April 08, 2012 12:26 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Charles

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Let me know what happens.

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Question:

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Alex
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http://www.eset.com

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http://www.eset.com

788. Re: UPS100 Taps Rewired

Yahoo group: transworld_radio
Date: 2012-04-08 12:47:40 UTC
From: Bruno
Topic: 782 Message: 788

Hi Alex,

IMPORTANT: Assuming the previous owner did not change the design of your UPS100, you need to make sure you wire it properly. Thus, is you RT100 the 12 Vdc or 24 (nominal 28 Vdc) version?

I ask as if you strapped the outputs in series, then you are wiring the UPS100 for the 24(28)Vdc radio. You need to strap them in parallel if you want to power the 12 Vdc radio (they are both 12 Vdc (nominal) transformers).

Typically, you wire the output to match the radio (12V or 24/28V) then change the input taps to match the expected AC line input voltage range. It is NOT normal to see ~20 Vdc open load on the output IF you expect to run a 12 Vdc radio.

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

789. Re: UPS100 Taps Rewired

Yahoo group: transworld_radio
Date: 2012-04-08 13:32:54 UTC
From: Bruno
Topic: 782 Message: 789

One additional IMPORTANT piece of information.

You remember my explanation of the novel use of the TRANBSORB in the UPS100? Well Transworld used the same approach in the radio. So if your RT00 is a RT100-12 (12 Vdc) model, then there is a 16 Vdc TRANSORB across the DC input.

If you connect a 20VDc source and assuming no one has removed the TRANSORB, it will blow in short-circuit mode, thus popping the PSU's fuse. The TRANSORB remains short (catastrophic failure) so you will then need to change it or remove it from the radio.

For those who are curious, this was deemed as an economical approach to over-voltage protection and our end users had TRANSORBS in stock and replaced them when they blew

(anecdote: I witnessed this many times in 3rd world countries when the AC power from the utilities dies and their poorly maintained generators kicked-in. I saw light bulbs pop and smoke coming out of the UPS100 and the radio (when you took the covers off these sealed products). Their "nominal" 240 Vac 50/Hz line oscillated all the way to +/- 400 Vac for a few instants. the users typically smiled and said "Welcome to our tech shops!". The only damage were the low cost TRANSORBS and they immediately went to their stock and pulled them out. it was definitely NOT the first time LOL)

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

790. Re: [transworld_radio] TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-04-08 21:17:00 UTC
From: Brooke Clarke
Topic: 762 Message: 790

Hi:

I've had no luck with the factory. Does anyone have technical info on the AC power supply used in the TW100F Fly-away
HF radio or the UPF7000 which I think uses the same PCB?
http://www.prc68.com/I/TW100F.shtml

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

Brooke Clarke wrote:
> Hi:
>
> I'm trying to repair the AC Power Supply in a TW100F/AT fly-away radio, it's made by Transworld, not a third party.
> I think it may use the same PCB as is used in the UPF7000 Power Supply.
> But searching all the manuals in the Files section does not turn up anything.
>
> Is there some documentation on this AC power supply?
> http://www.prc68.com/I/TW100F.shtml
>

791. Re: [transworld_radio] TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-04-09 02:16:31 UTC
From: ed.leavitt@JUNO.COM
Topic: 762 Message: 791

Brooke,

I have what purports to be a tech manual for the flyaway radio. It is in three parts @ 4 mb apiece. If you don't already have that let me know and I'll DropBox it to you.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Sun, 08 Apr 2012 14:17:00 -0700 Brooke Clarke <brooke@...>
writes:
> Hi:
>
> I've had no luck with the factory. Does anyone have technical info
> on the AC power supply used in the TW100F Fly-away
> HF radio or the UPF7000 which I think uses the same PCB?
> http://www.prc68.com/I/TW100F.shtml
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> Have Fun,
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> Brooke Clarke, N6GCE
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>
>

---
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/4f8246e3109a81e0b12st06vuc

792. Re: [transworld_radio] TW100F AC Power Supply Docs?

Yahoo group: transworld_radio
Date: 2012-04-09 12:40:01 UTC
From: Brooke Clarke
Topic: 762 Message: 792

Hi Ed:

Yes I have the three part manual and two others, but none of the cover the TS-100F AC power supply I have.

TW100 Microprocessor Controlled HF SSB Transceiver, Pub No. 990101, Apr 1987, 319 pages - includes technical info

TW100F Fly-Away HF SSB Transceiver Operator's Manual, TW100F-MSOP Pub No. 990160, Sep 1990, 69 pages - is for a fly-away
radio that looks similar to this one, except there is only one U-229 AUDIO connector and has jacks for headphones and a
Morse key. No technical info.

TW100F Fly-Away HF SSB Transceiver Technical Manual, Part No. TW100F-MS, Dec 1992, Rev H1 combined 3 parts 216 pages.
The AC supply in this model is very simple, not like mine.
This manual is for a radio with one U-229 audio connector and jacks for a key and headphones. My radio has two U-229
type audio connectors and not jacks.
http://www.prc68.com/I/TW100F.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

ed.leavitt@... wrote:
> Brooke,
>
> I have what purports to be a tech manual for the flyaway radio. It is in
> three parts @ 4 mb apiece. If you don't already have that let me know
> and I'll DropBox it to you.
>
> **********
> Edmund Leavitt
> K7EFL / AFA0AH
> **********
>
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> _____
> 53 Year Old Mom Looks 33
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> http://thirdpartyoffers.juno.com/TGL3141/4f8246e3109a81e0b12st06vuc
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> Yahoo! Groups Links
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793. TW 100 Flyaway

Yahoo group: transworld_radio
Date: 2012-04-09 23:30:21 UTC
From: michael_hislop
Topic: 793 Message: 793

Hi Folks,

I'm working on my flyaway and I'm in need of a Asahi US602U thermal cutoff switch. These are used in the RF amplifier to bypass the finals if things get too hot. One of the cutoffs are stuck open, which is making the radio only produce 30 watts. I have replaced the finals so I know they are good.

Does anyone know where I can find a replacement for the thermal cutoffs?

Thanks,

Mike

794. Re: [transworld_radio] TW 100 Flyaway

Yahoo group: transworld_radio
Date: 2012-04-10 00:09:07 UTC
From: john
Topic: 793 Message: 794

I got a recommendation I think from this list, for someone to repair my my Metron (Transworld?) 500 watt out amp. It too had a bad thermal switch. The serviceman was able to replace the unit it...dunno if it's the same one.

John K5MO

At 07:30 PM 4/9/2012, you wrote:

>Hi Folks,
>
>I'm working on my flyaway and I'm in need of a Asahi US602U thermal cutoff
>switch. These are used in the RF amplifier to bypass the finals if things
>get too hot. One of the cutoffs are stuck open, which is making the radio
>only produce 30 watts. I have replaced the finals so I know they are good.
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>Does anyone know where I can find a replacement for the thermal cutoffs?
>
>Thanks,
>
>Mike
>
>
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>
>Yahoo! Groups Links
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797. Hacked email accounts

Yahoo group: transworld_radio
Date: 2012-04-13 21:42:13 UTC
From: Dennis
Topic: 797 Message: 797

There has been a sudden rash of hacked accounts over the last two weeks. I do not think it is the individual account that has been hacked, it's yahoo.

In any case, do not ever click on a link in any message that has no subject line content regardless of it's supposed origin.

In addition, you will never see a message from me, or most people, that does not have something in the subject line, AND a signature at the bottom.

I'm afraid this is not over yet. 5 yahoo accounts from people you probably know have been compromised in the last 2 weeks.

Yesterday I change my password & other pertinent information on my yahoo account. It apparently did no good as it happened again this afternoon.

This thing dose not affect addresses in you address book as you would suppose. It sends messages to addresses contained in you IN folder hence the re: on the subject line. But these spam messages, though ending up in the victim's "sent" folder do not contain the individual's signature at the bottom that yahoo automatically affixes to every message sent.

In response to this I have created another folder titled "alternate in box" and transferred all messages from my normal IN folder into it. So, if it happens again, there is only one message currently in my IN folder & that guy is a jackass anyway.

We'll see what happens.
Sorry, & thanks for your indulgence.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

798. Programming via serial tw100

Yahoo group: transworld_radio
Date: 2012-05-05 02:48:24 UTC
From: netravler
Topic: 798 Message: 798

Hi,

Just a quick question. I have a tw100 and was interested in the possibility of programming through CAT like commands.

Does anyone know if this is possible and what those commands are listed and an explanation of how it would be controlled via serial handshaking.

73's
Paul W0PRH

799. Re: Programming via serial tw100

Yahoo group: transworld_radio
Date: 2012-05-05 23:55:07 UTC
From: Alex J Rokowetz
Topic: 798 Message: 799

I've never done what you are decribing so I can't help you but here's some related info: the TW9000 data terminal (which is normally used for transmitting various data modes through the TW100 or RT100 radios) can also be used to control certain features of the TW100 or RT100 radio such as changing the channel, selecting USB or LSB, tuning the receive frequency of a channel without changing the transmit frequency, etc.

Sounds like part or all of what you are trying to do may be possible. Hopefully someone else in this group knows more about this. BTW, I checked the TW9000 op/service manuals but no command codes or detailed information was documented within the manuals.

Alex
K2AJR

--- In transworld_radio@yahoogroups.com, "netravler" <boxcarwilliesings@...> wrote:
>
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> 73's
> Paul W0PRH
>

800. Re: [transworld_radio] Re: Programming via serial tw100

Yahoo group: transworld_radio
Date: 2012-05-06 00:20:41 UTC
From: paul heintz
Topic: 798 Message: 800

Excellent Alex,

Thank you, that's should help a lot. Yes I'm trying to just allow the software to do simple changes in Frequency/Mode, and the like:)

73's
Paul W0PRH

From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Sent: Saturday, May 5, 2012 6:55 PM
Subject: [transworld_radio] Re: Programming via serial tw100

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> 73's
> Paul W0PRH
>

801. How to Reduce TW-100 Output to QRP Level

Yahoo group: transworld_radio
Date: 2012-05-11 01:04:54 UTC
From: kb1uys
Topic: 801 Message: 801

Is there an internal adjustment or mod that will reduce the 100-watt output to 10 watts? I'm a QRPer and 100 watts is just too much and I'd rather not use a resistive attenuator to cut the power.

802. Re: [transworld_radio] How to Reduce TW-100 Output to QRP Level

Yahoo group: transworld_radio
Date: 2012-05-11 01:31:53 UTC
From: Dennis
Topic: 801 Message: 802

Duplicate the circuit used in the TW100F Flyaway which has a 10 watt position.
Using the ALC to turn down the power will only result in a reduction to 50 watts.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: kb1uys <kb1uys@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, May 10, 2012 8:04 PM
>Subject: [transworld_radio] How to Reduce TW-100 Output to QRP Level
>
>Is there an internal adjustment or mod that will reduce the 100-watt output to 10 watts? I'm a QRPer and 100 watts is just too much and I'd rather not use a resistive attenuator to cut the power.
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>Yahoo! Groups Links
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803. Re: How to Reduce TW-100 Output to QRP Level

Yahoo group: transworld_radio
Date: 2012-05-11 05:06:31 UTC
From: kb1uys
Topic: 801 Message: 803

I just spent an hour squinting at the TW100F diagrams. See attached system diagram. The 10-wattt switch looks like it simply affects the ALC, but you said ALC can only limit output power to 50 watts. So I don't understand the apparent contradiction.

http://s17.postimage.org/6il9he0bj/TW100_F_HFSSB_Tech_Manual_3_of_3_1.jpg

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> Duplicate the circuit used in the TW100F Flyaway which has a 10 watt position.
> Using the ALC to turn down the power will only result in a reduction to 50 watts.
>
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
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> > From: kb1uys <kb1uys@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Thursday, May 10, 2012 8:04 PM
> >Subject: [transworld_radio] How to Reduce TW-100 Output to QRP Level
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> >Yahoo! Groups Links
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804. Re: [transworld_radio] Re: How to Reduce TW-100 Output to QRP Level

Yahoo group: transworld_radio
Date: 2012-05-11 12:20:42 UTC
From: Dennis
Topic: 801 Message: 804

I don't contradict myself!

The ALC control only has enough range to reduce the output power to 50 watts. That's pretty simple. I know this for fact as I have three radios turned down as such because they are driving external amps, & previous 60 meter use.

I could be mistaken but I believe that all TW100 are capable of 10 watt operation as this is a function of the tune cycle. I/E, the radios is key down in low power to activate an external antenna tuner. The TW100F simply supplies a 10 watt switch to the front panel.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: kb1uys <kb1uys@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, May 11, 2012 12:06 AM
>Subject: [transworld_radio] Re: How to Reduce TW-100 Output to QRP Level
>
>I just spent an hour squinting at the TW100F diagrams. See attached system diagram. The 10-wattt switch looks like it simply affects the ALC, but you said ALC can only limit output power to 50 watts. So I don't understand the apparent contradiction.
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>http://s17.postimage.org/6il9he0bj/TW100_F_HFSSB_Tech_Manual_3_of_3_1.jpg
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>--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
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>> Duplicate the circuit used in the TW100F Flyaway which has a 10 watt position.
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>>
>>
>> Dennis Starks
>> Military-Radio-Guy
>> KB0SFP
>> HFpack/Milpack Monitor(all USB):
>> 3996, 5357, 7296, 14342.5, 18157.5
>>
>>
>> >_____
>> > From: kb1uys <kb1uys@...>
>> >To: transworld_radio@yahoogroups.com
>> >Sent: Thursday, May 10, 2012 8:04 PM
>> >Subject: [transworld_radio] How to Reduce TW-100 Output to QRP Level

>> >
>> >Is there an internal adjustment or mod that will reduce the 100-watt output to 10 watts? I'm a QRPer and 100 watts is just too much and I'd rather not use a resistive attenuator to cut the power.
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805. Re: How to Reduce TW-100 Output to QRP Level

Yahoo group: transworld_radio
Date: 2012-05-11 13:08:13 UTC
From: kb1uys
Topic: 801 Message: 805

No need to go Postal. I just said I didn't understand.

Anyway, yes, on the TW100F the 10-watt function seems to just be the reduced tuner power level brought out to a switch on the front panel as a "feature" to "prevent interception and interference to adjacent channels."

Perhaps you mean that the actual ALC trimmer adjustment only has enough range to reduce the output power to 50 watts but a direct modification to the ALC signal could throttle back the power to any desired level.

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
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> I don't contradict myself!
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> The ALC control only has enough range to reduce the output power to 50 watts. That's pretty simple. I know this for fact as I have three radios turned down as such because they are driving external amps, & previous 60 meter use.
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> I could be mistaken but I believe that all TW100 are capable of 10 watt operation as this is a function of the tune cycle. I/E, the radios is key down in low power to activate an external antenna tuner. The TW100F simply supplies a 10 watt switch to the front panel.
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> HFpack/Milpack Monitor(all USB):
> 3996, 5357, 7296, 14342.5, 18157.5
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> >_____
> > From: kb1uys <kb1uys@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Friday, May 11, 2012 12:06 AM
> >Subject: [transworld_radio] Re: How to Reduce TW-100 Output to QRP Level
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> >I just spent an hour squinting at the TW100F diagrams. See attached system diagram. The 10-wattt switch looks like it simply affects the ALC, but you said ALC can only limit output power to 50 watts. So I don't understand the apparent contradiction.
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> >> >Sent: Thursday, May 10, 2012 8:04 PM
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806. Re: [transworld_radio] Re: How to Reduce TW-100 Output to QRP Level

Yahoo group: transworld_radio
Date: 2012-05-11 13:35:53 UTC
From: Alex J Rokowetz
Topic: 801 Message: 806

KB1UYS,

The RT100 is essentially the same as the TW100 and it has a 10W/100W switch on the front panel. I can send you the service manual so you can examine the circuit diagrams and part lists.

Alex
K2AJR

>_____
>From: kb1uys <kb1uys@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, May 11, 2012 9:08 AM
>Subject: [transworld_radio] Re: How to Reduce TW-100 Output to QRP Level
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>No need to go Postal. I just said I didn't understand.
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807. TW100 Microprocessor Board Does Not Match Service Manual

Yahoo group: transworld_radio
Date: 2012-05-11 17:05:12 UTC
From: kb1uys
Topic: 807 Message: 807

While working on another issue I finally noticed that my TW-100's microprocessor board is vastly different than that shown in either the 1987 or 1992 technical manuals. See the picture links below

At first look, I have two complete 80C39 microprocessor systems plus a load of additional analog components including several multi-turn trim pots.

The disagreement between the physical board and the manual is an issue because the microprocessor board has acted flaky on power-up ever since I acquired the unit. It get's itself into a "snit-fit" (a highly technical term, eh?) where it takes dozens of power cycles and random button presses to make the system boot normally. Symptoms include scrambled LCD and no response to button presses. If I don't have a schematic that corresponds to the actual unit, I really don't feel like digging into it.

So, in summary, the point of this post is to see if anyone knows why my microprocessor board has so much extra stuff on it and doesn't agree with either the older or newer service manual.

Picture of my microprocessor PCB here:
http://s18.postimage.org/br92s5gq1/TW100_MICRO_PCB.jpg

Picture of PCB from the 1992 service manual:
http://s15.postimage.org/5i8l73aej/PCB.jpg

Front view of the TW-100:
http://s7.postimage.org/nlzm4jn5n/Front.jpg

Product plate:
http://s7.postimage.org/pudslvu9n/tag.jpg

808. Re: TW100 Microprocessor Board Does Not Match Service Manual

Yahoo group: transworld_radio
Date: 2012-05-11 17:30:21 UTC
From: kb1uys
Topic: 807 Message: 808

Never mind, found the answer. Mine has the remote control option microprocessor board. It's documented in the back of the TSM under the options. Seems illogical to put it there.

809. Re: [transworld_radio] TW100 Microprocessor Board Does Not Match Service Manual

Yahoo group: transworld_radio
Date: 2012-05-11 18:42:11 UTC
From: Alex J Rokowetz
Topic: 807 Message: 809

There are two versions of the processor board, the M9MP and the M9RC. Both these boards are well documented in the manual, complete with circuit diagrams. The M9MP is the standard board and the M9RC provides remote control capability. Your board is the more desirable M9RC board. Check Section 12 of the manual for documentation regarding the M9RC board.

The diagram you were looking at is for the M9MP board.

Alex
K2AJR

>_____
>From: kb1uys <kb1uys@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, May 11, 2012 1:05 PM
>Subject: [transworld_radio] TW100 Microprocessor Board Does Not Match Service Manual
>
>
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>
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>So, in summary, the point of this post is to see if anyone knows why my microprocessor board has so much extra stuff on it and doesn't agree with either the older or newer service manual.
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>Picture of my microprocessor PCB here:
>http://s18.postimage.org/br92s5gq1/TW100_MICRO_PCB.jpg
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>Picture of PCB from the 1992 service manual:
>http://s15.postimage.org/5i8l73aej/PCB.jpg
>
>Front view of the TW-100:

>http://s7.postimage.org/nlzm4jn5n/Front.jpg
>
>Product plate:
>http://s7.postimage.org/pudslvu9n/tag.jpg
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810. Re: [transworld_radio] Re: TW100 Microprocessor Board Does Not Match Service Manual

Yahoo group: transworld_radio
Date: 2012-05-11 18:46:51 UTC
From: Alex J Rokowetz
Topic: 807 Message: 810

oops. just saw this after sending my past post.

Alex
K2AJR

>_____
>From: kb1uys <kb1uys@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, May 11, 2012 1:30 PM
>Subject: [transworld_radio] Re: TW100 Microprocessor Board Does Not Match Service Manual
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>Never mind, found the answer. Mine has the remote control option microprocessor board.
It's documented in the back of the TSM under the options. Seems illogical to put it there.
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811. Re: How to Reduce TW-100 Output to QRP Level

Yahoo group: transworld_radio
Date: 2012-05-12 22:20:31 UTC
From: kb1uys
Topic: 801 Message: 811

It ain't as simple as it sounds. The power-level switch is part of the main power switch. The 10-W position breaks the ALC signal that routes to the microprocessor board. In series with that signal is the NC thermal breaker mounted on the rear heat sink. That part of the ALC eventually ends up on pin 3 of J8 on the frequency control board. That is the Antenna Tuner Interface sub-circuit. There is an open-collector transistor switch, Q104, that can sink current away from the ALC bus to achieve Transmit Inhibit on command from the ATI.

The ALC signal's primary origin is the Filter & Switch board that asserts the signal on two conditions: 1. excessive forward RF power OR 2. Excessive reverse SWR.

The ALC feeds back to the 1650 KHz board to cut back signal power at the source, as expected.

Also on the ALC bus and able to affect the ALC level is the RF Power Module that can signal that the final output transistors are drawing excessive DC current.

That leaves the one branch of the ALC bus that heads off to the Hi/Lo Power selector then off to the NC thermal breaker (that is drawn NO on the schematic) then through a resistor, then to Pin3 of J8 on the frequency control board.

It is not clear to me after a few hours of studying the system if the ALC asserts attenuation of the ALC signal by increasing the voltage or decreasing it. Also, how does effectively opening the ALC circuit running to the open collector NPN switch on the frequency control board reduce power to 10 watts instead of totally inhibiting it. The theory of operation sections of the manual are skimpy, I've seen better descriptions in mass-market CB radio TSMs. While tracing wiring on the rig, I noticed discrepancies between the schematic and rig. Not good.

The main system diagram in the TW-100 manual is exactly the same as far as the power reduction switch as the RT-100 manual. The system diagram in the TW-100 manual shows the power-selector switch present (!) so I can't compare the TW-100 circuit against the RT-100 circuit. Looks like Transworld tried to reuse the system diagram between manuals.

I've put enough time into investigating the power reduction mod that I'm calling it quits.

At this point I'm thinking of stuffing the TW-100 in the closet and letting it sit for another 20 years or until that Great Estate Sale That Awaits Us All occurs.

I have no particular fondness for the radio. I acquired it two years ago from a retiring military guy who grabbed it out a dumpster in some far-flung part of the world when he was upgrading communications equipment. What's a fully functional rig like this worth these days? It works fine on CW and SSB as far as I've used it. I was chatting on 10 meters with Missouri, Ohio, and Puerto Rico a couple of days ago. Comes with a mobile mic. Signal reports are great with very good voice clarity.

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>

> KB1UYS,
> Â
> The RT100 is essentially the same as the TW100 and it has a 10W/100W switch on the front panel.Â I can send you the service manual so you can examine the circuit diagrams and part lists.
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> Alex
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> >_____
> >From: kb1uys <kb1uys@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Friday, May 11, 2012 9:08 AM
> >Subject: [transworld_radio] Re: How to Reduce TW-100 Output to QRP Level
> >
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> >No need to go Postal. I just said I didn't understand.
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> >Perhaps you mean that the actual ALC trimmer adjustment only has enough range to reduce the output power to 50 watts but a direct modification to the ALC signal could throttle back the power to any desired level.
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> >> I could be mistaken but I believe that all TW100 are capable of 10 watt operation as this is a function of the tune cycle. I/E, the radios is key down in low power to activate an external antenna tuner. The TW100F simply supplies a 10 watt switch to the front panel.
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> >> > From: kb1uys <kb1uys@>

> >> >To: transworld_radio@yahoogroups.com
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> >> >> > From: kb1uys <kb1uys@>
> >> >> >To: transworld_radio@yahoogroups.com
> >> >> >Sent: Thursday, May 10, 2012 8:04 PM
> >> >> >Subject: [transworld_radio] How to Reduce TW-100 Output to QRP Level
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812. Need Info on a Canadian Marconi Company ATU-250 Antenna Coupler

Yahoo group: transworld_radio
Date: 2012-05-14 00:54:40 UTC
From: w8qhv_travis
Topic: 812 Message: 812

I have a TW-100 with a Canadian Marconi Company ATU-250 antenna coupler. Does anyone here know anything about the coupler? I'd like I am going to be selling the radio, power supply, and tuner at Dayton and would like to know SOMETHING about the coupler. W8QHV....out.

813. M10 module

Yahoo group: transworld_radio
Date: 2012-05-24 12:39:56 UTC
From: Jay
Topic: 813 Message: 813

Hi to All,

I have a spare M10 RF Power Module that has a Motorola D310050 RF final transistors. I'd like to know if these are 28V transistors? I can't find any info on these over the internet.

Thanks in advance for any info.

jay

814. Re: [transworld_radio] M10 module

Yahoo group: transworld_radio
Date: 2012-05-24 12:55:57 UTC
From: Dennis
Topic: 813 Message: 814

They would only be 28 volt devices if you have a 28 volt radio(TW-100).
110vac/12vdc radios have 12vdc devices.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: Jay <jay_sario@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, May 24, 2012 7:39 AM
>Subject: [transworld_radio] M10 module
>
>Hi to All,
>
>I have a spare M10 RF Power Module that has a Motorola D310050 RF final transistors. I'd like to know if these are 28V transistors? I can't find any info on these over the internet.
>
>Thanks in advance for any info.
>
>jay
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815. Re: M10 module

Yahoo group: transworld_radio
Date: 2012-05-24 15:58:40 UTC
From: Jay
Topic: 813 Message: 815

Hi Dennis,

Thank you for reply. Actually, my only Transworld radio right now is a PRC1099. This is just a spare module that I was able to keep. I am planning on removing the transistors in this module and install it in my Kenwood TS-940. So I am hoping there won't be any problem if I do that.

Thank you.

jay

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> They would only be 28 volt devices if you have a 28 volt radio(TW-100).
> 110vac/12vdc radios have 12vdc devices.
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> Dennis Starks
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> > From: Jay <jay_sario@...>
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> >Sent: Thursday, May 24, 2012 7:39 AM
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816. Re: M10 module

Yahoo group: transworld_radio
Date: 2012-05-25 00:40:24 UTC
From: Bruno
Topic: 813 Message: 816

Hmm. as I recall, the TW100 series were all 12V radios while the RT series was offered in both 12V and 28V flavors. Please share the model number of the radio you have as it should indicate the voltage (PA voltage was the same as the DC input voltage). That info should be on the serial number plate.

By the way, I will cross check that Transworld part number with the generic one when I get to the office on Tuesday. That "310050" is very familiar (as in OBS, hard to find, etc.)

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

817. Re: M10 module..

Yahoo group: transworld_radio
Date: 2012-05-25 00:43:18 UTC
From: Bruno
Topic: 817 Message: 817

By the way, on this page it says that it's a 28Vdc transistor (scroll down to 310050):

http://www.parttarget.com/Datron-World-Communications-Inc_nsn-parts_310001_310072.html

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

818. Re: [transworld_radio] Re: M10 module

Yahoo group: transworld_radio
Date: 2012-05-25 01:06:09 UTC
From: Dennis
Topic: 813 Message: 818

>Hmm… as I recall, the TW100 series were all 12V radios

NO. The 24 volt version is common & was specifically built for the higher duty cycle of TTY. They had no internal AC supply because those that did could not handle the duty cycle. These used a matching external supply that was usually mounted below it. I have two 24vdc radios. One was also fitted with a fan on the top of the cabinet.

I think you find reference to the 24vdc version n the standard service manual. The only real difference is no internal AC supply, & 24vdc devices in the PA. The low voltage regulator may also be a little different.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

819. Re: M10 module

Yahoo group: transworld_radio
Date: 2012-05-25 01:30:16 UTC
From: Jay
Topic: 813 Message: 819

Bruno,

I have no more RT-100MP here as I have sold them long time ago. I can't recall anymore if I pulled this module from a 12v or 28v version. Initially, I was planning on using it on my TS940 that has a defective PA transistors, but a forum member advised not to. So I guess I will just use it for other future projects. Will be looking forward for additional info on this RF transistor.

Thanks in advance.

jay

--- In transworld_radio@yahoogroups.com, "Bruno" <w4afk@...> wrote:
>
> Hmm. as I recall, the TW100 series were all 12V radios while the RT series
> was offered in both 12V and 28V flavors. Please share the model number of
> the radio you have as it should indicate the voltage (PA voltage was the
> same as the DC input voltage). That info should be on the serial number
> plate.
>
> By the way, I will cross check that Transworld part number with the generic
> one when I get to the office on Tuesday. That "310050" is very familiar (as
> in OBS, hard to find, etc.)
>
> Bruno, W4AFK
> West Melbourne, Florida [EL98qb]
> [FLEX-1500 w/HLA-150 PLus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000
> w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF
> Loop Antenna (RX), various software packages for data modes]
>

820. Re: M10 module

Yahoo group: transworld_radio
Date: 2012-05-25 14:09:54 UTC
From: Bruno
Topic: 813 Message: 820

Dennis,

I don't recall ever seeing a TW100 radio with an external power supply or a 28V version. What you described was the RT100 series, which was offered in 12V and 28V, and which required and external PSU (UPS100). Now my experience starts with the ~1990 vintage of the TW100 series. I know that there were earlier models of this radio but I never played with them. Back then, I used to train customers overseas on how to use and repair these radios (I wasn't with customer service but with their fledgling systems team).

This being said, I did discover versions of the TW100 that I never knew existed (like the TW100S). But they were sold before I joined and not many were fielded. So perhaps what you described existed.. and I will check on Tuesday. We still have a few folks around who were there before I joined so I will probe the history banks LOL.

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 Plus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

821. Re: [transworld_radio] Re: M10 module

Yahoo group: transworld_radio
Date: 2012-05-25 14:40:45 UTC
From: Dennis
Topic: 813 Message: 821

>I don't recall ever seeing a TW100 radio with an external power supplyor a 28V version.

You don't get around much then do you?

>What you described was the RT100 series,

NO IT IS NOT! I know the difference. I own over ten TW-100 in several variants, no less than 1/2 of which are on the air every day, one of which is the 24vdc only version. They are not rare, I know of several in service & have seen a number of others. All you need do is consult the service manual which also covers this version.

I fail to understand why you'd want to contest such a simple fact. Heaven forbid I should mention some of the other variants that I own or have encountered.

I have tiered of this thread. Time to start a new one.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

822. 24vdc only TW100

Yahoo group: transworld_radio
Date: 2012-05-25 14:44:32 UTC
From: Dennis
Topic: 813 Message: 822

See the pix on this yahoo group home page.
The radio on the upper right is a 24vdc only TW100 currently used for 60 meters.
<http://groups.yahoo.com/group/Oddball_HF_SSB_Radio/>

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: Bruno <w4afk@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, May 25, 2012 9:09 AM
>Subject: [transworld_radio] Re: M10 module
>
>
> Re: M10 module
>
>
>
>Dennis,
>I don't recall ever seeing a TW100 radio with an external power supplyor a 28V version. What you described was the RT100 series, whichwas offered in 12V and 28V,and which required and external PSU (UPS100).Now my experience starts with the~1990 vintageof theTW100 series. I know that there were earlier models of this radio but I never played with them.Back then,I used to train customersoverseason how to use and repair theseradios(I wasn't with customer service but with their fledglingsystems team).
>This being said, I did discover versions of the TW100 that I never knew existed(like theTW100S). Butthey were sold before I joined andnot many were fielded.So perhaps what you described existed.. and I will check on Tuesday. We stillhave a few folksaroundwhowerethere before I joined so I willprobe the history banksLOL.
>Bruno, W4AFK
>West Melbourne, Florida [EL98qb]
>[FLEX-1500 w/HLA-150 Plus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF LoopAntenna (RX), various software packages for data modes]
>
>
>
>
>

823. Re: [transworld_radio] 24vdc only TW100

Yahoo group: transworld_radio
Date: 2012-05-25 14:51:21 UTC
From: wa9dgm@aol.com
Topic: 813 Message: 823

i have a tw-100 28v dc version. it doesn't have have the toogle sw's, but rotary sw's . does any one have a hand mic for the tw7000 with the connector they would like to part with ?? 73 john wa9dgm

In a message dated 5/25/2012 7:44:40 A.M. Pacific Daylight Time, spike.dennis@... writes:

See the pix on this yahoo group home page.
The radio on the upper right is a 24vdc only TW100 currently used for 60 meters.
<http://groups.yahoo.com/group/Oddball_HF_SSB_Radio/>

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

From: Bruno <w4afk@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, May 25, 2012 9:09 AM
Subject: [transworld_radio] Re: M10 module

Dennis,
I don't recall ever seeing a TW100 radio with an external power supply or a 28V version. What you described was the RT100 series, which was offered in 12V and 28V, and which required and external PSU (UPS100). Now my experience starts with the ~1990 vintage of the TW100 series. I know that there were earlier models of this radio but I never played with them. Back then, I used to train customers overseas on how to use and repair these radios (I wasn't with customer service but with their fledgling systems team). This being said, I did discover versions of the TW100 that I never knew existed (like the TW100S). But they were sold before I joined and not many were fielded. So perhaps what you described existed.. and I will check on Tuesday. We still have a few folks around who were there before I joined so I will probe the history banks LOL.

Bruno, W4AFK
West Melbourne, Florida [EL98qb]
[FLEX-1500 w/HLA-150 Plus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

824. Re: [transworld_radio] 24vdc only TW100

Yahoo group: transworld_radio
Date: 2012-05-25 15:10:04 UTC
From: wa9dgm@aol.com
Topic: 813 Message: 824

follow up on my 28v version. rotary controls for, af gain, clarifier, mode, and squelch. radio is abt 2-3 inches shorter in depth as dc supply is external, and weighs less. 28v dc rx 350ma, tx 7amps ssb avg. 73 john

In a message dated 5/25/2012 7:44:40 A.M. Pacific Daylight Time, spike.dennis@... writes:

See the pix on this yahoo group home page.
The radio on the upper right is a 24vdc only TW100 currently used for 60 meters.
<http://groups.yahoo.com/group/Oddball_HF_SSB_Radio/>

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

From: Bruno <w4afk@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, May 25, 2012 9:09 AM
Subject: [transworld_radio] Re: M10 module

Dennis,
I don't recall ever seeing a TW100 radio with an external power supply or a 28V version. What you described was the RT100 series, which was offered in 12V and 28V, and which required and external PSU (UPS100). Now my experience starts with the ~1990 vintage of the TW100 series. I know that there were earlier models of this radio but I never played with them. Back then, I used to train customers overseas on how to use and repair these radios (I wasn't with customer service but with their fledgling systems team). This being said, I did discover versions of the TW100 that I never knew existed (like the TW100S). But they were sold before I joined and not many were fielded. So perhaps what you described existed.. and I will check on Tuesday. We still have a few folks around who were there before I joined so I will probe the history banks LOL.

Bruno, W4AFK
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[FLEX-1500 w/HLA-150 Plus, MFJ-1786 & MFJ-1788 HF Loops, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HF Loop Antenna (RX), various software packages for data modes]

825. Desperately Seeking RAT400 or RAT1000

Yahoo group: transworld_radio
Date: 2012-06-04 21:07:00 UTC
From: Alex J Rokowetz
Topic: 825 Message: 825

Single RA400 looking for single RAT400 or RAT1000 for long term stable relationship.

Me:

Nice RT100/RA400 combination already settled in a loving caring home. RT100 XCVR is on-air regularly making QSO's on 80/75, 40, 20, and 17 with an AT-1011/U antenna. However, the RA400 Amplifier is lonely and doesn't see much airtime due to the lack of a mating RAT400 or RAT1000 autotuner. RA400 has recently been to the doctor and passed all tests with flying colors. This home has an excellent social network with milrad gear of all types and joins milrad nets regularly.

You:

A healthy mature RAT400 or RAT1000 that is ready to settle down with a vivacious RA400 that is eager to facilitate QSO's all over the globe. Please be physically and emotionally available and ready for a long term commitment. If you need some TLC before seeing regular use, that's OK.

Alex
K2AJR

P.S. Open to cash purchases/partial trades/trades

826. Re: [transworld_radio] Desperately Seeking RAT400 or RAT1000

Yahoo group: transworld_radio
Date: 2012-06-04 21:15:36 UTC
From: Dave Panek
Topic: 825 Message: 826

You would be much happier with the Harris Rf382. Tried both and the
Harris is light years ahead and readily available.
Dave
KE4MLV

On 6/4/2012 5:07 PM, Alex J Rokowetz wrote:
>
> Single RA400 looking for single RAT400 or RAT1000 for long term stable
> relationship.
>
> Me:
>
> Nice RT100/RA400 combination already settled in a loving caring home.
> RT100 XCVR is on-air regularly making QSO's on 80/75, 40, 20, and 17
> with an AT-1011/U antenna. However, the RA400 Amplifier is lonely and
> doesn't see much airtime due to the lack of a mating RAT400 or RAT1000
> autotuner. RA400 has recently been to the doctor and passed all tests
> with flying colors. This home has an excellent social network with
> milrad gear of all types and joins milrad nets regularly.
>
> You:
>
> A healthy mature RAT400 or RAT1000 that is ready to settle down with a
> vivacious RA400 that is eager to facilitate QSO's all over the globe.
> Please be physically and emotionally available and ready for a long
> term commitment. If you need some TLC before seeing regular use,
> that's OK.
>
>
> Alex
> K2AJR
>
> P.S. Open to cash purchases/partial trades/trades
>
>

827. Re: [transworld_radio] Desperately Seeking RAT400 or RAT1000

Yahoo group: transworld_radio
Date: 2012-06-04 21:31:22 UTC
From: Alex J Rokowetz
Topic: 825 Message: 827

Dave,

Thanks for the quick reply and recommendation. Since you used both, may I ask what you liked about the RF-382 and what you disliked about the RAT400/RAT100?

Alex
K2AJR

>_____
>From: Dave Panek <dlpanek@...>
>To: transworld_radio@yahoogroups.com
>Cc: Alex J Rokowetz <belarok@...>
>Sent: Monday, June 4, 2012 5:15 PM
>Subject: Re: [transworld_radio] Desperately Seeking RAT400 or RAT1000
>
>
>You would be much happier with the Harris Rf382. Tried both and the Harris is light years ahead and readily available.
>Dave
>KE4MLV
>
>On 6/4/2012 5:07 PM, Alex J Rokowetz wrote:
>
>>Single RA400 looking for single RAT400 or RAT1000 for long term stable relationship.
>>
>>Me:
>>
>>Nice RT100/RA400 combination already settled in a loving caring home. RT100 XCVR is on-air regularly making QSO's on 80/75, 40, 20, and 17 with an AT-1011/U antenna. However, the RA400 Amplifier is lonely and doesn't see much airtime due to the lack of a mating RAT400 or RAT1000 autotuner. RA400 has recently been to the doctor and passed all tests with flying colors. This home has an excellent social network with milrad gear of all types and joins milrad nets regularly.
>>
>>You:
>>
>>A healthy mature RAT400 or RAT1000 that is ready to settle down with a vivacious RA400 that is eager to facilitate QSO's all over the globe. Please be physically and emotionally available and ready for a long term commitment. If you need some TLC before seeing regular use, that's OK.
>>
>>
>>Alex
>>K2AJR
>>
>>P.S. Open to cash purchases/partial trades/trades

>>
>>
>>
>
>

828. Re: [transworld_radio] Desperately Seeking RAT400 or RAT1000

Yahoo group: transworld_radio
Date: 2012-06-05 01:04:20 UTC
From: Dave Panek
Topic: 825 Message: 828

The transworld Rat1000 is about as big as a foot locker and uses selniods instead of relays. It is slow to tune. the Rat400 is a low power version of the same but i think it uses many of the same components. The RF382 tunes from memory in 20 milliseconds(if I recall correctly)
It can be configured with the Transworld to tune automatically on push to talk and with channel change.
The Transworld has about 20 memory channels, the Harris 200.
The Harris is available on ebay from time to time for about 500-600$

In short, the Harris does everything the transworld does (for 500 watts) only faster and smaller.

Dave
KE4MLV
RT100
RA400
RF382 with 50 foot longwire

On 6/4/2012 5:31 PM, Alex J Rokowetz wrote:
> Dave,
> Thanks for the quick reply and recommendation. Since you used both,
> may I ask what you liked about the RF-382 and what you disliked about
> the RAT400/RAT100?
> Alex
> K2AJR
>
> *From:* Dave Panek <dlpanek@...>
> *To:* transworld_radio@yahoogroups.com
> *Cc:* Alex J Rokowetz <belarok@...>
> *Sent:* Monday, June 4, 2012 5:15 PM
> *Subject:* Re: [transworld_radio] Desperately Seeking RAT400 or
> RAT1000
>
> You would be much happier with the Harris Rf382. Tried both and
> the Harris is light years ahead and readily available.
> Dave
> KE4MLV
>
> On 6/4/2012 5:07 PM, Alex J Rokowetz wrote:
>> Single RA400 looking for single RAT400 or RAT1000 for long term
>> stable relationship.
>>
>> Me:
>>
>> Nice RT100/RA400 combination already settled in a loving caring

>> home. RT100 XCVR is on-air regularly making QSO's on 80/75, 40,
>> 20, and 17 with an AT-1011/U antenna. However, the RA400
>> Amplifier is lonely and doesn't see much airtime due to the lack
>> of a mating RAT400 or RAT1000 autotuner. RA400 has recently been
>> to the doctor and passed all tests with flying colors. This home
>> has an excellent social network with milrad gear of all types and
>> joins milrad nets regularly.
>>
>> You:
>>
>> A healthy mature RAT400 or RAT1000 that is ready to settle down
>> with a vivacious RA400 that is eager to facilitate QSO's all over
>> the globe. Please be physically and emotionally available and
>> ready for a long term commitment. If you need some TLC before
>> seeing regular use, that's OK.
>>
>>
>> Alex
>> K2AJR
>>
>> P.S. Open to cash purchases/partial trades/trades
>>
>
>
>

829. Re: [transworld_radio] Desperately Seeking RAT400 or RAT1000

Yahoo group: transworld_radio
Date: 2012-06-05 02:30:53 UTC
From: Alex J Rokowetz
Topic: 825 Message: 829

Dave,

Thanks for the comparison. I appreciate hearing your "hands on" opinion. I now regret not picking up one of the NOS RF382 couplers that George was selling at Gilbert for $350 each. I will stop by his store next weekend and see if he has any left (fingers crossed).

I dug into my archive and pulled original spec sheets for each coupler and everything you said rang true.

For those who care, here's the info from the mfr spec sheets for each tuner:

RAT400/1000

Size: 11.8"D x 19.3"W x 13.4"H
Weight: 49 lbsWatts: 400W PEP/Avg or 1000W PEP/Avg*
Tuning Time: Less than 3 sec
Tuning Time from Memory: 200 MS
Mem Channels: 10

*Note: I have it from a reliable source that the RAT400 and RAT1000 are identical and both handle 1000W of power. Only the label is different.

RF-382A
 Size: 11.25"D x 18.5"W x 7.65"H
Weight: 31 lbsWatts: 150W PEP/Avg or 450W PEP/250W Avg
Tuning Time: Less than 3 sec
Tuning Time from Memory: 200 MS
Mem Channels: 48

All of that said, if anyone has a RAT400/RAT1000... I would still like to hear from you.

Alex
K2AJR

>_____
>From: Dave Panek <dlpanek@...>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, June 4, 2012 9:04 PM
>Subject: Re: [transworld_radio] Desperately Seeking RAT400 or RAT1000
>
>
>
>The transworld Rat1000 is about as big as a foot locker and uses selniods instead of relays. It is slow to tune. the Rat400 is a low power version of the same but i think it uses many of the same components. The RF382 tunes from memory in 20 milliseconds(if I recall correctly)
>It can be configured with the Transworld to tune automatically on push to talk and with

channel change.
>The Transworld has about 20 memory channels, the Harris 200.
>The Harris is available on ebay from time to time for about 500-600$
>
>In short, the Harris does everything the transworld does (for 500 watts) only faster and smaller.
>
>Dave
>KE4MLV
>RT100
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>RF382 with 50 foot longwire
>
>On 6/4/2012 5:31 PM, Alex J Rokowetz wrote:
>
>>Dave,
>>
>>Thanks for the quick reply and recommendation. Since you used both, may I ask what you liked about the RF-382 and what you disliked about the RAT400/RAT100?
>>
>>Alex
>>K2AJR
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>>From: Dave Panek <dlpanek@...>
>>>To: transworld_radio@yahoogroups.com
>>>Cc: Alex J Rokowetz <belarok@...>
>>>Sent: Monday, June 4, 2012 5:15 PM
>>>Subject: Re: [transworld_radio] Desperately Seeking RAT400 or RAT1000
>>>
>>>
>>>You would be much happier with the Harris Rf382. Tried both and the Harris is light years ahead and readily available.
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that is eager to facilitate QSO's all over the globe. Please be physically and emotionally available and ready for a long term commitment. If you need some TLC before seeing regular use, that's OK.
>>>>
>>>>
>>>>Alex
>>>>K2AJR
>>>>
>>>>P.S. Open to cash purchases/partial trades/trades
>>>>
>>>>
>>>
>>>
>
>
>

830. Fw: Transworld TW100 factory service manual

Yahoo group: transworld_radio
Date: 2012-06-13 03:32:47 UTC
From: Dennis
Topic: 830 Message: 830

I received the below in response to one of my want adds. I already have one so here you go. Please email that person selling the manual directly, not me. KB0SFP

----- Forwarded Message -----
>From: Chuck Maurer <lomaurer@gmail.com>
>Subject: Transworld TW100 factory service manual
>
>
>
>Dennis,
>How about a like new Transworld TW100 factory service manual in the Transworld TW100 notebook??
>It's about 1.5 inches thick and is pristine with many foldouts. How about $40 plus shipping - USPS Priority mail of about $10.
>Chuck
>W5API
>--
>L.O.Chuck Maurer
>President
>Alternative INK
>
>
>
>
>

831. Fw: Transworld TW100 factory service manual sold

Yahoo group: transworld_radio
Date: 2012-06-14 20:20:28 UTC
From: Dennis
Topic: 831 Message: 831

I regret to inform you that the TW-100 sold a few hours before I got your email. There was a fierce level of interest from all over the world with a pleading cry for need of the manual. Hopefully the person who gets the manual will digitize the information and make it available to the group. The manual is sold contingent upon funds arriving. If anything happens I will let you know.
THANKS,
Chuck
W5API

THANKS you Dennis,
Chuck
W5API

832. Re: Fw: Transworld TW100 factory service manual sold

Yahoo group: transworld_radio
Date: 2012-06-15 17:31:19 UTC
From: Paul Nelson
Topic: 831 Message: 832

Annnnd.....
the winner is ME!!! Hoo boy, I *never* win anything... and yes, I should be able to do a good scan of it and put it where it will best serve the community. I know there's one posted, scanned by Markus Baertschi; I'll do a bit of comparing to see what the differences might be if any.
I have two TW-100's, one with switches and one with knobs, and both work flawlessly into an AT-100 feeding a G5RV dipole. Only mod I've made to them is the unmute-while-scanning one, which works just fine. Well, I did have to add a sideband to one of them, but Datron had the crystals and there were holes fer 'em to go in.... no problem.

I consider myself lucky to have these little guys- they are feisty little devils, well worth the effort of searching for them. And thank you, Chuck, for making this manual available.

Best 73s, Paul

--
Paul Nelson W5GNF "When I go, I want to go quietly, in my
Ames, Iowa sleep, like my grandfather- not
Senior Engineer (Retired) screaming, like his passengers."
Sauer-Danfoss Company
(DrHydro@...)
"More hay, Trigger?"
ex-Cessna 140 N77149 (sigh) "No thanks, Roy, I'm stuffed."

833. Re: [transworld_radio] Re: Fw: Transworld TW100 factory service manual sold

Yahoo group: transworld_radio
Date: 2012-06-15 17:38:08 UTC
From: Brooke Clarke
Topic: 831 Message: 833

Hi Paul:

I'm still looking for documentation on the AC power supply so I can repair mine. It's not in any of the on line manuals
and I wonder if it's in your new one?
http://www.prc68.com/I/TW100F.shtml#ACPS

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Paul Nelson wrote:
>
>
> Annnnd.....
> the winner is ME!!! Hoo boy, I *never* win anything... and yes, I should be able to do a good scan of it and put it
> where it will best serve the community. I know there's one posted, scanned by Markus Baertschi; I'll do a bit of
> comparing to see what the differences might be if any.
> I have two TW-100's, one with switches and one with knobs, and both work flawlessly into an AT-100 feeding a G5RV
> dipole. Only mod I've made to them is the unmute-while-scanning one, which works just fine. Well, I did have to add a
> sideband to one of them, but Datron had the crystals and there were holes fer 'em to go in.... no problem.
>
> I consider myself lucky to have these little guys- they are feisty little devils, well worth the effort of searching
> for them. And thank you, Chuck, for making this manual available.
>
> Best 73s, Paul
> --
> Paul Nelson W5GNF "When I go, I want to go quietly, in my
> Ames, Iowa sleep, like my grandfather- not
> Senior Engineer (Retired) screaming, like his passengers."
> Sauer-Danfoss Company
> (DrHydro@...)
> "More hay, Trigger?"
> ex-Cessna 140 N77149 (sigh) "No thanks, Roy, I'm stuffed."
>
>
>

834. RT-100 wanted

Yahoo group: transworld_radio
Date: 2012-07-10 21:07:55 UTC
From: Dennis
Topic: 834 Message: 834

Anybody have a nice RT-100 they are willing to part with?
Must be 12vdc & have the noise blanker option.
Will pay a reasonable amount of cash or I have a bunch of stuff to trade.

Let me know off list.

Thanks

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

835. New Member Question

Yahoo group: transworld_radio
Date: 2012-07-12 14:27:20 UTC
From: WB4EEL
Topic: 835 Message: 835
Attachments: 1 described; binary payloads are missing from this source WARC

> Hi,
> I am new to the group and am getting a TW-100F up and running. I replaced
> a shorted cap on the 100kHz sync board and a few fuses. Now everything
> seems to work.
> I learned after almost an hour of trying that when you load frequencies
> into memory you select the channel then press and hold "F", press and hold
> "C", release "F" and release "C". The instructions seem to imply while
> pressing "F" press and release "C", which obviously does not work.
> I have downloaded applicable manuals from the files section and that has
> been a great help. I still have a few questions:
>
> I would like to get screw on dust covers for the ACC and DC power jacks.
> Does anyone have a part number and a source?
>
> I am using a M-80C/U military mic, but the power level only goes up to
> about 20% on SSB transmit, which seems a little low, since the manual says
> 30 - 40%. I get a meter full on CW and 25% on AM with no audio. Should I
> change the value of R 40 on the audio board. If so which way? I am using
> the mic because it already had the right connector. It is marked M-80C/U
> by Radalab DLC 900-86-C-3383 which I believe is only the contract number.
> It is noise canceling with a belt clip and is about 6 inches tall. The mic
> is at the top about 1.5 inches in diameter with a waterproof PTT switch on
> the right side. Photo attached.
>
> Does anyone have a source for mic connectors?
>
>
>
> John
> WB4EEL
>
>

836. Re: [transworld_radio] New Member Question [1 Attachment]

Yahoo group: transworld_radio
Date: 2012-07-12 14:46:58 UTC
From: Brooke Clarke
Topic: 835 Message: 836

Hi John:

A common problem with the military noise canceling mikes (H-250, M-80, etc.) is that people don't have them touching
their lips.
If the mike is an inch from your mouth it will be in the voice canceling mode.
http://www.prc68.com/I/H250.shtml
http://www.prc68.com/I/M80.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

WB4EEL wrote:
>
>> Hi,
>> I am new to the group and am getting a TW-100F up and running. I replaced
>> a shorted cap on the 100kHz sync board and a few fuses. Now everything
>> seems to work.
>> I learned after almost an hour of trying that when you load frequencies
>> into memory you select the channel then press and hold "F", press and hold
>> "C", release "F" and release "C". The instructions seem to imply while
>> pressing "F" press and release "C", which obviously does not work.
>> I have downloaded applicable manuals from the files section and that has
>> been a great help. I still have a few questions:
>>
>> I would like to get screw on dust covers for the ACC and DC power jacks.
>> Does anyone have a part number and a source?
>>
>> I am using a M-80C/U military mic, but the power level only goes up to
>> about 20% on SSB transmit, which seems a little low, since the manual says
>> 30 - 40%. I get a meter full on CW and 25% on AM with no audio. Should I
>> change the value of R 40 on the audio board. If so which way? I am using
>> the mic because it already had the right connector. It is marked M-80C/U
>> by Radalab DLC 900-86-C-3383 which I believe is only the contract number.
>> It is noise canceling with a belt clip and is about 6 inches tall. The mic
>> is at the top about 1.5 inches in diameter with a waterproof PTT switch on
>> the right side. Photo attached.
>>
>> Does anyone have a source for mic connectors?
>>
>>
>>
>> John

>> WB4EEL
>>
>>

837. Re: [transworld_radio] New Member Question [1 Attachment]

Yahoo group: transworld_radio
Date: 2012-07-12 16:51:40 UTC
From: Alex J Rokowetz
Topic: 835 Message: 837

Hello John,

The mic connectors can be easily sourced on ebay, through surplus dealers like Mike Murphy or Steve hamey or from distibutors like CDM Electronics, Alliec Elec, or Newark. Use part numbers like U-229/U or M55116.

As for the DC power connector cover... Newark and Mouser among others carry these. Use part number like 9760-12P or MS25042-12D for OD finish. Use part number like 9760-12P(621) and MS25042-12DA for black finish.

For the accessory connector... Newark and Mouser also carry these. Use part numbers like 9760-20P or MS25042-20D for OD finish. Use part number like 9760-20P(621) and MS25042-20DA for black finish.

Good luck with your project. Maybe we will hear your flyaway radio sometime on the 40M USB net:

http://groups.yahoo.com/group/40mtr_USB_Group/?yguid=267283022

http://www.mrca.ar88.net/

73,

Alex
K2AJR

>_____
>From: WB4EEL <wb4eel@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, July 12, 2012 10:27 AM
>Subject: [transworld_radio] New Member Question [1 Attachment]
>
>
>
>[Attachment(s) from WB4EEL included below]
>
>> Hi,
>> I am new to the group and am getting a TW-100F up and running. I replaced
>> a shorted cap on the 100kHz sync board and a few fuses. Now everything
>> seems to work.
>> I learned after almost an hour of trying that when you load frequencies
>> into memory you select the channel then press and hold "F", press and hold
>> "C", release "F" and release "C". The instructions seem to imply while
>> pressing "F" press and release "C", which obviously does not work.
>> I have downloaded applicable manuals from the files section and that has
>> been a great help. I still have a few questions:
>>

>> I would like to get screw on dust covers for the ACC and DC power jacks.
>> Does anyone have a part number and a source?
>>
>> I am using a M-80C/U military mic, but the power level only goes up to
>> about 20% on SSB transmit, which seems a little low, since the manual says
>> 30 - 40%. I get a meter full on CW and 25% on AM with no audio. Should I
>> change the value of R 40 on the audio board. If so which way? I am using
>> the mic because it already had the right connector. It is marked M-80C/U
>> by Radalab DLC 900-86-C-3383 which I believe is only the contract number.
>> It is noise canceling with a belt clip and is about 6 inches tall. The mic
>> is at the top about 1.5 inches in diameter with a waterproof PTT switch on
>> the right side. Photo attached.
>>
>> Does anyone have a source for mic connectors?
>>
>>
>>
>> John
>> WB4EEL
>>
>>
>
>
>
>

838. CORRECTION

Yahoo group: transworld_radio
Date: 2012-07-12 17:08:54 UTC
From: Alex J Rokowetz
Topic: 835 Message: 838

CORRECTION!

I put down the wrong part numbers for the DC and accessory connector covers. I think it was too hot at the job site this morning and my brain is fried.

My email should have read:
 "As for the DC power connector cover... Newark and Mouser among others carry these. Use part numbers like 9760-12 or MS25043-12D for OD finish. Use part number like 9760-12(621) and MS25043-12DA for black finish.

For the accessory connector... Newark and Mouser also carry these. Use part numbers like 9760-20 or MS25043-20D for OD finish. Use part number like 9760-20(621) and MS2503-20DA for black finish."

I apologize for the mixup.

Alex
K2AJR

>_____
>From: Alex J Rokowetz <belarok@...>
>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Thursday, July 12, 2012 12:51 PM
>Subject: Re: [transworld_radio] New Member Question
>
>
>
>Hello John,
>
>The mic connectors can be easily sourced on ebay, through surplus dealers like Mike Murphy or Steve hamey or from distibutors like CDM Electronics, Alliec Elec, or Newark. Use part numbers like U-229/U or M55116.
>
>As for the DC power connector cover... Newark and Mouser among others carry these. Use part number like 9760-12P or MS25042-12D for OD finish. Use part number like 9760-12P(621) and MS25042-12DA for black finish.
>
>For the accessory connector... Newark and Mouser also carry these. Use part numbers like 9760-20P or MS25042-20D for OD finish. Use part number like 9760-20P(621) and MS25042-20DA for black finish.
>
>Good luck with your project. Maybe we will hear your flyaway radio sometime on the 40M USB net:
>
>http://groups.yahoo.com/group/40mtr_USB_Group/?yguid=267283022
>

>http://www.mrca.ar88.net/
>
>
>73,
>
>Alex
>K2AJR
>
>
>>_____
>>From: WB4EEL <wb4eel@...>
>>To: transworld_radio@yahoogroups.com
>>Sent: Thursday, July 12, 2012 10:27 AM
>>Subject: [transworld_radio] New Member Question [1 Attachment]
>>
>>
>>
>>
>>> Hi,
>>> I am new to the group and am getting a TW-100F up and running. I replaced
>>> a shorted cap on the 100kHz sync board and a few fuses. Now everything
>>> seems to work.
>>> I learned after almost an hour of trying that when you load frequencies
>>> into memory you select the channel then press and hold "F", press and hold
>>> "C", release "F" and release "C". The instructions seem to imply while
>>> pressing "F" press and release "C", which obviously does not work.
>>> I have downloaded applicable manuals from the files section and that has
>>> been a great help. I still have a few questions:
>>>
>>> I would like to get screw on dust covers for the ACC and DC power jacks.
>>> Does anyone have a part number and a source?
>>>
>>> I am using a M-80C/U military mic, but the power level only goes up to
>>> about 20% on SSB transmit, which seems a little low, since the manual says
>>> 30 - 40%. I get a meter full on CW and 25% on AM with no audio. Should I
>>> change the value of R 40 on the audio board. If so which way? I am using
>>> the mic because it already had the right connector. It is marked M-80C/U
>>> by Radalab DLC 900-86-C-3383 which I believe is only the contract number.
>>> It is noise canceling with a belt clip and is about 6 inches tall. The mic
>>> is at the top about 1.5 inches in diameter with a waterproof PTT switch on
>>> the right side. Photo attached.
>>>
>>> Does anyone have a source for mic connectors?
>>>
>>>
>>>
>>> John
>>> WB4EEL
>>>
>>>

>>
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>
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>

839. RE: [transworld_radio] New Member Question [1 Attachment]

Yahoo group: transworld_radio
Date: 2012-07-13 05:07:22 UTC
From: Charles Dicecca
Topic: 835 Message: 839
Attachments: 1 described; binary payloads are missing from this source WARC

Hi John:

Unless you really need a noise cancelling microphone find a good Shure 404c
and you will happy you did. Charlie KA1GON

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of WB4EEL
Sent: Thursday, July 12, 2012 10:27 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] New Member Question [1 Attachment]

[Attachment(s) from WB4EEL included below]

> Hi,
> I am new to the group and am getting a TW-100F up and running. I replaced
> a shorted cap on the 100kHz sync board and a few fuses. Now everything
> seems to work.
> I learned after almost an hour of trying that when you load frequencies
> into memory you select the channel then press and hold "F", press and hold
> "C", release "F" and release "C". The instructions seem to imply while
> pressing "F" press and release "C", which obviously does not work.
> I have downloaded applicable manuals from the files section and that has
> been a great help. I still have a few questions:
>
> I would like to get screw on dust covers for the ACC and DC power jacks.
> Does anyone have a part number and a source?
>
> I am using a M-80C/U military mic, but the power level only goes up to
> about 20% on SSB transmit, which seems a little low, since the manual says
> 30 - 40%. I get a meter full on CW and 25% on AM with no audio. Should I
> change the value of R 40 on the audio board. If so which way? I am using
> the mic because it already had the right connector. It is marked M-80C/U
> by Radalab DLC 900-86-C-3383 which I believe is only the contract number.
> It is noise canceling with a belt clip and is about 6 inches tall. The mic
> is at the top about 1.5 inches in diameter with a waterproof PTT switch on
> the right side. Photo attached.
>
> Does anyone have a source for mic connectors?
>
>
>
> John
> WB4EEL
>
>

_____ Information from ESET NOD32 Antivirus, version of virus signature database 7290 (20120711) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

840. Re: New Member Question (yahoo group correction)

Yahoo group: transworld_radio
Date: 2012-07-13 21:05:54 UTC
From: kb0sfp
Topic: 835 Message: 840

<belarok@...> wrote:
radio sometime on the 40M USB net:
> http://groups.yahoo.com/group/40mtr_USB_Group/?yguid=267283022

The above group is closed to the general public and is only open to those that regularly check in on that nightly net.

The below sister group is open to the general public. It auto sends a monthly list of nets & frequencies of interest as well as a lot of other information/discussion on what it's name implies(including Transworld). It is 100% unmoderated & open to the public as well as various search engines.

http://groups.yahoo.com/group/Oddball_HF_SSB_Radio/

KB0SFP

841. M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-23 20:24:40 UTC
From: v44kai@caribsurf.com
Topic: 841 Message: 841

Good day to all folks here,

My name is Joel, and my call sign is v44kai, I live on the Island of St. Kitts,

I'm looking for the M9MP Microprocessor module for the TW100, I got the rig from a discarded miss of stuff heading for the dump, I checked it with a good one and found that board missing, also T1 power transformer is gone too, but I'm mainly interested in the M9MP module as all other modules were checked and were working,

I also realized that there is no back ground lighting so it is hard to read the display in the dark so I will need the lighting also, anyone can help in any way please, it will be very appreciated,

v44kai.....Joel.

842. Re: [transworld_radio] M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-23 20:31:59 UTC
From: Dennis
Topic: 841 Message: 842

None of the TW100 series have background lighting that is detectable in anything other than pitch black dark.
If you want more than that you'll need to fabricate it yourself.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: "v44kai@..." <v44kai@caribsurf.com>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, July 23, 2012 3:24 PM
>Subject: [transworld_radio] M9MP Module and back light
>
>Good day to all folks here,
>
>My name is Joel, and my call sign is v44kai, I live on the Island of St. Kitts,
>
>I'm looking for the M9MP Microprocessor module for the TW100, I got the rig from a discarded miss of stuff heading for the dump, I checked it with a good one and found that board missing, also T1 power transformer is gone too, but I'm mainly interested in the M9MP module as all other modules were checked and were working,
>
>I also realized that there is no back ground lighting so it is hard to read the display in the dark so I will need the lighting also, anyone can help in any way please, it will be very appreciated,
>
>v44kai.....Joel.
>
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>
>------------------------------------
>
>Yahoo! Groups Links
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843. Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-24 19:33:10 UTC
From: n9pse
Topic: 841 Message: 843

I'm not sure if the power transformer, T1, is the same for the TW100 and the TW100F Fly-Away. If so, I can confirm that the transformer is somewhat difficult to come by.

During my efforts to restore my TW100F (which included a failed T1), I contacted Datron for suitable replacements. They had a transformer meeting the specs, which I purchased. However, it was a few millimeters too wide (couldn't close the case with the new transformer installed). The nice folks at Datron found a used transformer from an old TW100F and sent that to me. After installing that, and replacing the PA transistors, I now have a functional radio!

Thus, I have the first transformer (T1) which is now surplus to my needs. Although it's too wide to fit the Fly-Away, it might work in the TW100. If anyone has need of this, please email me at N9PSE -at- embarqmail-dot-com...

Cheers!

--- In transworld_radio@yahoogroups.com, v44kai@... wrote:
> I'm looking for the M9MP Microprocessor module for the TW100, I got the rig from a discarded miss of stuff heading for the dump, I checked it with a good one and found that board missing, also T1 power transformer is gone too, but I'm mainly interested in the M9MP module as all other modules were checked and were working,
>

844. Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-24 19:34:05 UTC
From: Dave Panek
Topic: 841 Message: 844

I have a M9RC module for sale for $125 pus shipping.Picture at:
http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
This was one of my tested modules from about 10 years ago. The battery is probably dead.

I also have a 28 volt pa module M10 on the heatsink for $125.
http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
Again about a 10 year old test.

M2 module untested (with cover). $40
http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG

The Tw100 and Tw100F should have the back-light installed on the display board. It is not wired normally wired to the M9 board but it is easy to do.

Dave Panek
KE4MLV

845. Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-24 20:10:59 UTC
From: v44kai@caribsurf.com
Topic: 841 Message: 845

Is this the same as the M9MP? it looks the same, will be interested if it will work,

v44kai.....Joel.

--- In transworld_radio@yahoogroups.com, Dave Panek <dlpanek@...> wrote:
>
> I have a M9RC module for sale for $125 pus shipping.Picture at:
> http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
> This was one of my tested modules from about 10 years ago. The battery
> is probably dead.
>
> I also have a 28 volt pa module M10 on the heatsink for $125.
> http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
> Again about a 10 year old test.
>
> M2 module untested (with cover). $40
> http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
>
> The Tw100 and Tw100F should have the back-light installed on the
> display board. It is not wired normally wired to the M9 board but it is
> easy to do.
>
> Dave Panek
> KE4MLV
>

846. Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-24 20:13:15 UTC
From: v44kai@caribsurf.com
Topic: 841 Message: 846

Do you have any of the back light available Dave?

v44kai.....Joel.

--- In transworld_radio@yahoogroups.com, Dave Panek <dlpanek@...> wrote:
>
> I have a M9RC module for sale for $125 pus shipping.Picture at:
> http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
> This was one of my tested modules from about 10 years ago. The battery
> is probably dead.
>
> I also have a 28 volt pa module M10 on the heatsink for $125.
> http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
> Again about a 10 year old test.
>
> M2 module untested (with cover). $40
> http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
>
> The Tw100 and Tw100F should have the back-light installed on the
> display board. It is not wired normally wired to the M9 board but it is
> easy to do.
>
> Dave Panek
> KE4MLV
>

847. Re: [transworld_radio] Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-24 20:37:52 UTC
From: Dave Panek
Topic: 841 Message: 847

Joel,
The M9RC is the same as the M9MP. It has extra components and connectors
for remote contol operation. They are not used in the standard TW100.
You should have the backlight on your TW100. It is just not wired.

Dave Panek

On 7/24/2012 4:10 PM, v44kai@... wrote:
>
> Is this the same as the M9MP? it looks the same, will be interested if
> it will work,
>
> v44kai.....Joel.
>
> --- In transworld_radio@yahoogroups.com
> <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@...>
> wrote:
> >
> > I have a M9RC module for sale for $125 pus shipping.Picture at:
> > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
> > This was one of my tested modules from about 10 years ago. The battery
> > is probably dead.
> >
> > I also have a 28 volt pa module M10 on the heatsink for $125.
> > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
> > Again about a 10 year old test.
> >
> > M2 module untested (with cover). $40
> > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
> >
> > The Tw100 and Tw100F should have the back-light installed on the
> > display board. It is not wired normally wired to the M9 board but it is
> > easy to do.
> >
> > Dave Panek
> > KE4MLV
> >
>
>

848. Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-27 12:38:28 UTC
From: v44kai@caribsurf.com
Topic: 841 Message: 848

Hi Dave,

Been away from the pc for a few days, Is this M9RC working? As I recalled you said it was a test unit you use to use about 10 years ago,

My Tw100 is a 12v version, I also think the PA had transistor/s I didn't look at the Pa in depth as it wasn't my main concern,

Do you the transistors, drivers and finals, or a 12v PA unit, and where are in the U.S.?

v44kai.....Joel.

--- In transworld_radio@yahoogroups.com, Dave Panek <dlpanek@...> wrote:
>
> Joel,
> The M9RC is the same as the M9MP. It has extra components and connectors
> for remote contol operation. They are not used in the standard TW100.
> You should have the backlight on your TW100. It is just not wired.
>
> Dave Panek
>
> On 7/24/2012 4:10 PM, v44kai@... wrote:
> >
> > Is this the same as the M9MP? it looks the same, will be interested if
> > it will work,
> >
> > v44kai.....Joel.
> >
> > --- In transworld_radio@yahoogroups.com
> > <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@>
> > wrote:
> > >
> > > I have a M9RC module for sale for $125 pus shipping.Picture at:
> > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
> > > This was one of my tested modules from about 10 years ago. The battery
> > > is probably dead.
> > >
> > > I also have a 28 volt pa module M10 on the heatsink for $125.
> > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
> > > Again about a 10 year old test.
> > >
> > > M2 module untested (with cover). $40
> > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
> > >
> > > The Tw100 and Tw100F should have the back-light installed on the
> > > display board. It is not wired normally wired to the M9 board but it is

> > > easy to do.
> > >
> > > Dave Panek
> > > KE4MLV
> > >
> >
> >
>

849. Re: [transworld_radio] Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-27 17:17:56 UTC
From: Dave Panek
Topic: 841 Message: 849

Joel,
The M(RC board was tested about 10 years ago and put away as a spare. I dont have an easy way of testing it now. if you want to wait a couple weeks I can try it my rig.
The PA module is 24 volt and has 24 volt final transistors. The TW100 manual is on the yahoo group site if you dont have one. It explains the differences.
Dave Panek KE4MLV
On 7/27/2012 8:38 AM, v44kai@... wrote:
>
>
> Hi Dave,
>
> Been away from the pc for a few days, Is this M9RC working? As I
> recalled you said it was a test unit you use to use about 10 years ago,
>
> My Tw100 is a 12v version, I also think the PA had transistor/s I
> didn't look at the Pa in depth as it wasn't my main concern,
>
> Do you the transistors, drivers and finals, or a 12v PA unit, and
> where are in the U.S.?
>
> v44kai.....Joel.
>
> --- In transworld_radio@yahoogroups.com
> <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@...>
> wrote:
> >
> > Joel,
> > The M9RC is the same as the M9MP. It has extra components and
> connectors
> > for remote contol operation. They are not used in the standard TW100.
> > You should have the backlight on your TW100. It is just not wired.
> >
> > Dave Panek
> >
> > On 7/24/2012 4:10 PM, v44kai@... wrote:
> > >
> > > Is this the same as the M9MP? it looks the same, will be
> interested if
> > > it will work,
> > >
> > > v44kai.....Joel.
> > >
> > > --- In transworld_radio@yahoogroups.com

> <mailto:transworld_radio%40yahoogroups.com>
> > > <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@>
> > > wrote:
> > > >
> > > > I have a M9RC module for sale for $125 pus shipping.Picture at:
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> > > > This was one of my tested modules from about 10 years ago. The
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> > > > I also have a 28 volt pa module M10 on the heatsink for $125.
> > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
> > > > Again about a 10 year old test.
> > > >
> > > > M2 module untested (with cover). $40
> > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
> > > >
> > > > The Tw100 and Tw100F should have the back-light installed on the
> > > > display board. It is not wired normally wired to the M9 board
> but it is
> > > > easy to do.
> > > >
> > > > Dave Panek
> > > > KE4MLV
> > > >
> > >
> > >
> >
>
>

850. Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-27 18:17:42 UTC
From: v44kai@caribsurf.com
Topic: 841 Message: 850

I'm not in a hurry Dave, so please make sure it is working, I want to buy a working M9MP or M9RC module that will work in my TW100, will wait to hear from you on the test,

OK thanks for the info on the manual is it the service manual?

v44kai.....Joel.

--- In transworld_radio@yahoogroups.com, Dave Panek <dlpanek@...> wrote:
>
> Joel,
> The M(RC board was tested about 10 years ago and put away as a spare. I
> dont have an easy way of testing it now. if you want to wait a couple
> weeks I can try it my rig.
> The PA module is 24 volt and has 24 volt final transistors. The TW100
> manual is on the yahoo group site if you dont have one. It explains the
> differences.
> Dave Panek KE4MLV
> On 7/27/2012 8:38 AM, v44kai@... wrote:
> >
> >
> > Hi Dave,
> >
> > Been away from the pc for a few days, Is this M9RC working? As I
> > recalled you said it was a test unit you use to use about 10 years ago,
> >
> > My Tw100 is a 12v version, I also think the PA had transistor/s I
> > didn't look at the Pa in depth as it wasn't my main concern,
> >
> > Do you the transistors, drivers and finals, or a 12v PA unit, and
> > where are in the U.S.?
> >
> > v44kai.....Joel.
> >
> > --- In transworld_radio@yahoogroups.com
> > <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@>
> > wrote:
> > >
> > > Joel,
> > > The M9RC is the same as the M9MP. It has extra components and
> > connectors
> > > for remote contol operation. They are not used in the standard TW100.
> > > You should have the backlight on your TW100. It is just not wired.
> > >
> > > Dave Panek
> > >
> > > On 7/24/2012 4:10 PM, v44kai@ wrote:

> > > >
> > > > Is this the same as the M9MP? it looks the same, will be
> > interested if
> > > > it will work,
> > > >
> > > > v44kai.....Joel.
> > > >
> > > > --- In transworld_radio@yahoogroups.com
> > <mailto:transworld_radio%40yahoogroups.com>
> > > > <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@>
> > > > wrote:
> > > > >
> > > > > I have a M9RC module for sale for $125 pus shipping.Picture at:
> > > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
> > > > > This was one of my tested modules from about 10 years ago. The
> > battery
> > > > > is probably dead.
> > > > >
> > > > > I also have a 28 volt pa module M10 on the heatsink for $125.
> > > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
> > > > > Again about a 10 year old test.
> > > > >
> > > > > M2 module untested (with cover). $40
> > > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
> > > > >
> > > > > The Tw100 and Tw100F should have the back-light installed on the
> > > > > display board. It is not wired normally wired to the M9 board
> > but it is
> > > > > easy to do.
> > > > >
> > > > > Dave Panek
> > > > > KE4MLV
> > > > >
> > > >
> > > >
> > >
> >
>

851. Re: [transworld_radio] Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-07-27 21:49:07 UTC
From: John
Topic: 841 Message: 851

Hi I have a couple of remote control units and transmitters if you are interested
Cheers
John de vk4jwt

Connected by MOTOBLUR™

-----Original message-----
From: v44kai@caribsurf.com
To: transworld_radio@yahoogroups.com
Sent: Fri, 27 Jul 2012, 12:38:28 GMT+00:00
Subject: [transworld_radio] Re: M9MP Module and back light

Hi Dave,

Been away from the pc for a few days, Is this M9RC working? As I recalled you said it was a test unit you use to use about 10 years ago,

My Tw100 is a 12v version, I also think the PA had transistor/s I didn't look at the Pa in depth as it wasn't my main concern,

Do you the transistors, drivers and finals, or a 12v PA unit, and where are in the U.S.?

v44kai.....Joel.

--- In transworld_radio@yahoogroups.com, Dave Panek <dlpanek@...> wrote:
>
> Joel,
> The M9RC is the same as the M9MP. It has extra components and connectors
> for remote contol operation. They are not used in the standard TW100.
> You should have the backlight on your TW100. It is just not wired.
>
> Dave Panek
>
> On 7/24/2012 4:10 PM, v44kai@... wrote:
> >
> > Is this the same as the M9MP? it looks the same, will be interested if
> > it will work,
> >
> > v44kai.....Joel.
> >
> > --- In transworld_radio@yahoogroups.com
> > <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@>
> > wrote:
> > >
> > > I have a M9RC module for sale for $125 pus shipping.Picture at:
> > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
> > > This was one of my tested modules from about 10 years ago. The battery

> > > is probably dead.
> > >
> > > I also have a 28 volt pa module M10 on the heatsink for $125.
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> > > Again about a 10 year old test.
> > >
> > > M2 module untested (with cover). $40
> > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
> > >
> > > The Tw100 and Tw100F should have the back-light installed on the
> > > display board. It is not wired normally wired to the M9 board but it is
> > > easy to do.
> > >
> > > Dave Panek
> > > KE4MLV
> > >
> >
> >
>

853. Re: [transworld_radio] Re: M9MP Module and back light

Yahoo group: transworld_radio
Date: 2012-08-07 01:10:10 UTC
From: Dave Panek
Topic: 841 Message: 853

Joel,
Finally got home and was able to test the M9 RC module. Works fine.
Battery voltage is 3 volts and the display driver works. Not bright but
none of them were. There is a mod available that works with the display
driver but I don't have the information any more. It involved replacing
the transformer with a 2000 ohm audio transformer and the transistor
with a FET. It made the display bright but made some hum.
Dave
KE4MLV

On 7/27/2012 2:17 PM, v44kai@... wrote:
>
>
> I'm not in a hurry Dave, so please make sure it is working, I want to
> buy a working M9MP or M9RC module that will work in my TW100, will
> wait to hear from you on the test,
>
> OK thanks for the info on the manual is it the service manual?
>
> v44kai.....Joel.
>
> --- In transworld_radio@yahoogroups.com
> <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@...>
> wrote:
> >
> > Joel,
> > The M(RC board was tested about 10 years ago and put away as a spare. I
> > dont have an easy way of testing it now. if you want to wait a couple
> > weeks I can try it my rig.
> > The PA module is 24 volt and has 24 volt final transistors. The TW100
> > manual is on the yahoo group site if you dont have one. It explains the
> > differences.
> > Dave Panek KE4MLV
> > On 7/27/2012 8:38 AM, v44kai@... wrote:
> > >
> > >
> > > Hi Dave,
> > >
> > > Been away from the pc for a few days, Is this M9RC working? As I
> > > recalled you said it was a test unit you use to use about 10 years
> ago,
> > >
> > > My Tw100 is a 12v version, I also think the PA had transistor/s I
> > > didn't look at the Pa in depth as it wasn't my main concern,
> > >

> > > Do you the transistors, drivers and finals, or a 12v PA unit, and
> > > where are in the U.S.?
> > >
> > > v44kai.....Joel.
> > >
> > > --- In transworld_radio@yahoogroups.com
> <mailto:transworld_radio%40yahoogroups.com>
> > > <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@>
> > > wrote:
> > > >
> > > > Joel,
> > > > The M9RC is the same as the M9MP. It has extra components and
> > > connectors
> > > > for remote contol operation. They are not used in the standard
> TW100.
> > > > You should have the backlight on your TW100. It is just not wired.
> > > >
> > > > Dave Panek
> > > >
> > > > On 7/24/2012 4:10 PM, v44kai@ wrote:
> > > > >
> > > > > Is this the same as the M9MP? it looks the same, will be
> > > interested if
> > > > > it will work,
> > > > >
> > > > > v44kai.....Joel.
> > > > >
> > > > > --- In transworld_radio@yahoogroups.com
> <mailto:transworld_radio%40yahoogroups.com>
> > > <mailto:transworld_radio%40yahoogroups.com>
> > > > > <mailto:transworld_radio%40yahoogroups.com>, Dave Panek <dlpanek@>
> > > > > wrote:
> > > > > >
> > > > > > I have a M9RC module for sale for $125 pus shipping.Picture at:
> > > > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00298.JPG
> > > > > > This was one of my tested modules from about 10 years ago. The
> > > battery
> > > > > > is probably dead.
> > > > > >
> > > > > > I also have a 28 volt pa module M10 on the heatsink for $125.
> > > > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00306.JPG
> > > > > > Again about a 10 year old test.
> > > > > >
> > > > > > M2 module untested (with cover). $40
> > > > > > http://bellsouthpwp2.net/d/l/dlpanek/transworld/DSC00303.JPG
> > > > > >
> > > > > > The Tw100 and Tw100F should have the back-light installed on the
> > > > > > display board. It is not wired normally wired to the M9 board
> > > but it is
> > > > > > easy to do.

> > > > > >
> > > > > > Dave Panek
> > > > > > KE4MLV
> > > > > >
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>

854. RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-09-11 19:11:00 UTC
From: i2xqz
Topic: 854 Message: 854

Hi, I bought a failed RAT100. I made some check and I found a failure into the RAT100-DETECT module (WO 989076 Rev J). Probably excessive power damaged the following components (they are burned out!):
1 - R15 Resistor near TP2 and TP4. Resistor burned up and it's impossible to read the color bands.
2 -C20 small adjustable capacitor (yellow Color) near C14 and the soldered junction of the two coaxial cables. Capacitor burned up.
3 - D6 diode of the directional coupler near R17 trimmer. Diode shorted. Look like a germanium diode: bigger than a 1N4148 with a green ban on it.

Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100

855. Re: RAT 100 Manual

Yahoo group: transworld_radio
Date: 2012-09-11 20:26:16 UTC
From: i2xqz
Topic: 596 Message: 855

Hello,
do you still have the RAT100 Manual. I would like to buy it. Please let me know.
Regards
Francesco I2XQZ

--- In transworld_radio@yahoogroups.com, Mike Craig <wa7tn@...> wrote:
>
> I have a RAT-100 Automatic Antenna Tuner Manual in perfect condition
> that I'll send for the price of postage. This is the 150 watt input
> version. Can send media rate or priority.
>
> Mike Craig, WA7TN
>

856. Re: RAT 100 Manual

Yahoo group: transworld_radio
Date: 2012-09-11 20:29:50 UTC
From: i2xqz
Topic: 596 Message: 856

Hello Markus,
I am looking for the RAT100 maintenance manual. Were you able to have a copy of it and would you like to send me an electronic copy? Let me know the cost.
Francesco I2XQZ

--- In transworld_radio@...m, Markus Baertschi <markus@...> wrote:
>
> Mike,
>
> while I do not have a RAT-100 I would be interested in scanning the manual
> to add it to the collection. I'd cover your mailing cost (lowest fare to
> Switzerland, no hurry).
>
> Markus HB9VCD
>
> On Thu, Dec 30, 2010 at 05:23, Mike Craig <wa7tn@...> wrote:
>
> > I have a RAT-100 Automatic Antenna Tuner Manual in perfect condition
> > that I'll send for the price of postage. This is the 150 watt input
> > version. Can send media rate or priority.
> >
> > Mike Craig, WA7TN
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >
>
>
> --
> *Markus Baertschi*, Bas du RossÃ© 16, CH-1163, Etoy, Switzerland
> markus@..., ++41 (21) 807 1677
>

857. Re: [transworld_radio] RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-09-11 22:31:25 UTC
From: Alex J Rokowetz
Topic: 854 Message: 857

Francesco,

I do not have the RAT100 Service Manual, but I do have the following tuner manuals:

RAT20 Service Manual
AT100 Operator Manual
RAT100 Operator Manual
RAT400 Operator Manual
RAT1000 Operator Manual
AT7000 Service Manual
RAT7000 Service Manual
RAT7000 Service Manual in Spanish

If anyone needs one of the aforementioned manuals, let me know.

Alex
K2AJR

>_____
> From: i2xqz <i2xqz@...>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, September 11, 2012 3:11 PM
>Subject: [transworld_radio] RAT100 Failure of the directional copuler
>
>
>
>
>
>Hi, I bought a failed RAT100. I made some check and I found a failure into the RAT100-DETECT module (WO 989076 Rev J). Probably excessive power damaged the following components (they are burned out!):
>1 - R15 Resistor near TP2 and TP4. Resistor burned up and it's impossible to read the color bands.
>2 -C20 small adjustable capacitor (yellow Color) near C14 and the soldered junction of the two coaxial cables. Capacitor burned up.
>3 - D6 diode of the directional coupler near R17 trimmer. Diode shorted. Look like a germanium diode: bigger than a 1N4148 with a green ban on it.
>
>Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100
>
>
>
>
>

858. R: [transworld_radio] Re: RAT 100 Manual

Yahoo group: transworld_radio
Date: 2012-09-12 11:50:53 UTC
From: tullio mott
Topic: 596 Message: 858

pensavo di portare tutti i pezzi veberdi sera, antenna inclusa e dare fuoco
alle polveri, aprire per i valori delle resistenze e se hai bisogno
lasciarti l accordatore.

tullio
-----Messaggio originale-----
Da: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]Per conto di i2xqz
Inviato: marted? 11 settembre 2012 22.30
A: transworld_radio@yahoogroups.com
Oggetto: [transworld_radio] Re: RAT 100 Manual

Hello Markus,
I am looking for the RAT100 maintenance manual. Were you able to have a
copy of it and would you like to send me an electronic copy? Let me know the
cost.
Francesco I2XQZ

--- In transworld_radio@yahoogroups.com, Markus Baertschi <markus@...>
wrote:
>
> Mike,
>
> while I do not have a RAT-100 I would be interested in scanning the
manual
> to add it to the collection. I'd cover your mailing cost (lowest fare to
> Switzerland, no hurry).
>
> Markus HB9VCD
>
> On Thu, Dec 30, 2010 at 05:23, Mike Craig <wa7tn@...> wrote:
>
> > I have a RAT-100 Automatic Antenna Tuner Manual in perfect condition
> > that I'll send for the price of postage. This is the 150 watt input
> > version. Can send media rate or priority.
> >
> > Mike Craig, WA7TN
> >
> >
> > ------------------------------------
> >
> > Yahoo! Groups Links
> >
> >
> >
> >

>
>
> --
> *Markus Baertschi*, Bas du Rossé 16, CH-1163, Etoy, Switzerland
> markus@..., ++41 (21) 807 1677
>

859. R: [transworld_radio] Re: RAT 100 Manual

Yahoo group: transworld_radio
Date: 2012-09-12 12:43:28 UTC
From: tullio mott
Topic: 596 Message: 859

sorry for the group, this was to be a private mail, in italian, for my local
ham friends.

tullio
IW2KKI-T6AE
COTA member
ARI GALLARATE (VA)
http://iw2kki.jimdo.com/

-----Messaggio originale-----
Da: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]Per conto di tullio mott
Inviato: mercoled? 12 settembre 2012 13.51
A: transworld_radio@yahoogroups.com
Oggetto: R: [transworld_radio] Re: RAT 100 Manual

pensavo di portare tutti i pezzi veberdi sera, antenna inclusa e dare
fuoco alle polveri, aprire per i valori delle resistenze e se hai bisogno
lasciarti l accordatore.

tullio
-----Messaggio originale-----
Da: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]Per conto di i2xqz
Inviato: marted? 11 settembre 2012 22.30
A: transworld_radio@yahoogroups.com
Oggetto: [transworld_radio] Re: RAT 100 Manual

Hello Markus,
I am looking for the RAT100 maintenance manual. Were you able to have a
copy of it and would you like to send me an electronic copy? Let me know the
cost.
Francesco I2XQZ

--- In transworld_radio@yahoogroups.com, Markus Baertschi <markus@...>
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> Mike,
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> On Thu, Dec 30, 2010 at 05:23, Mike Craig <wa7tn@...> wrote:
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> > Mike Craig, WA7TN
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> >
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>
> --
> *Markus Baertschi*, Bas du Rossé 16, CH-1163, Etoy, Switzerland
> markus@..., ++41 (21) 807 1677
>

860. Re: [transworld_radio] RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-09-12 18:09:45 UTC
From: Francesco d'Angelo
Topic: 854 Message: 860

Alex,
thank you a lot for your offer. Since some parts are burned out, the maintenance manual is the only help I can get.Once more, thank you for your kind offer.Francesco I2XQZ

--- On Wed, 9/12/12, Alex J Rokowetz <belarok@yahoo.com> wrote:

From: Alex J Rokowetz <belarok@...>
Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Date: Wednesday, September 12, 2012, 12:31 AM

Francesco, I do not have the RAT100 Service Manual, but I do have the following tuner manuals: RAT20 Service
ManualAT100 Operator ManualRAT100 Operator ManualRAT400 Operator ManualRAT1000 Operator ManualAT7000 Service ManualRAT7000 Service ManualRAT7000 Service Manual in Spanish If anyone needs one of the aforementioned manuals, let me know. Alex
K2AJR
From: i2xqz <i2xqz@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 11, 2012 3:11 PM
Subject: [transworld_radio] RAT100 Failure of the directional copuler

Hi, I bought a failed RAT100. I made some check and I found a failure into the RAT100-DETECT module (WO 989076 Rev J). Probably excessive power damaged the following components (they are burned out!):

1 - R15 Resistor near TP2 and TP4. Resistor burned up and it's impossible to read the color bands.

2 -C20 small adjustable capacitor (yellow Color) near C14 and the soldered junction of the two coaxial cables. Capacitor burned up.

3 - D6 diode of the directional coupler near R17 trimmer. Diode shorted. Look like a germanium diode: bigger than a 1N4148 with a green ban on it.

Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100

861. 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-18 19:53:32 UTC
From: a1elg1
Topic: 861 Message: 861

Hello everyone,

I have 02 transwold-datron tw7000 "in working condition" for sale.

I just got new rigs and I decided to let them go,
the condition: good (7 of 10)
the location: Lima-Perú
I can ship by fedex or dhl, (think will be expensive by weight)
I can send it all pictures and necessary videos.

The radios comes with:
02 Printed manuals, 01 for operator and 01 technical
Power Cables (02)
ALE boards - instaled and working (in both)
Hand mic´s (01 is whelen - USA, and 01 is furuno, Japan)
Software ver. is 701w (in both)
BITE: OK. (in both)

About operational condition:
The LCD backlite in 02 cases are very good (the color is blue)
All knobs and the button panel are original and is in good condition (except one knob instaled to clarifier that is not original)
the max. power output are 100w (in both)
Have 2 mic conectors in the front panel, one is the original (6pin) and the other is a 04 pin conector (used in most commercial ham rigs)
paint have some little scratches (nothing serious)
I´ll try to upload one radio to ebay very soon.

I ask $500.00 each (+ shipping) I always use paypal.
Feel free to send it all your questions.

73
Ed
OA4BSA

862. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-18 20:51:14 UTC
From: Alex J Rokowetz
Topic: 861 Message: 862

Eduardo,

I would like to purchase both radios if possible. I can pay paypal. Please let me know the total amount including shipping.

My mailing address is:

Alexander Rokowetz
22 Campbello Street
Hudson, New Hampshire, 03051
USAAlex
K2AJR

--- On Tue, 9/18/12, a1elg1 <a1elg1@...> wrote:

From: a1elg1 <a1elg1@...>
Subject: [transworld_radio] 02 Datron TW-7000 for sale
To: transworld_radio@yahoogroups.com
Date: Tuesday, September 18, 2012, 3:53 PM

Hello everyone,

I have 02 transwold-datron tw7000 "in working condition" for sale.

I just got new rigs and I decided to let them go,
the condition: good (7 of 10)
the location: Lima-Perú
I can ship by fedex or dhl, (think will be expensive by weight)
I can send it all pictures and necessary videos.

The radios comes with:
02 Printed manuals, 01 for operator and 01 technical
Power Cables (02)
ALE boards - instaled and working (in both)
Hand mic´s (01 is whelen - USA, and 01 is furuno, Japan)
Software ver. is 701w (in both)
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About operational condition:
The LCD backlite in 02 cases are very good (the color is blue)
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the max. power output are 100w (in both)
Have 2 mic conectors in the front panel, one is the original (6pin) and the other is a 04 pin conector (used in most commercial ham rigs)
paint have some little scratches (nothing serious)
I´ll try to upload one radio to ebay very soon.

I ask $500.00 each (+ shipping) I always use paypal.
Feel free to send it all your questions.

73
Ed
OA4BSA

863. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-18 21:16:59 UTC
From: Eduardo Leiva
Topic: 861 Message: 863

Hi Alex,

No problem,

let me check shipping cost to U.S. using DHL and FedEx so you can get total price,

Paypal it´s ok for me.

Please check the pictures and videos, i need some minutes to Zip the file and send a link.

73
Ed

From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Cc: a1elg1@...
Sent: Tuesday, September 18, 2012 3:51 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Eduardo,

I would like to purchase both radios if possible. I can pay paypal. Please let me know the total amount including shipping.

My mailing address is:

Alexander Rokowetz
22 Campbello Street
Hudson, New Hampshire, 03051
USA
Alex
K2AJR

--- On Tue, 9/18/12, a1elg1 <a1elg1@...> wrote:

>From: a1elg1 <a1elg1@...>
>Subject: [transworld_radio] 02 Datron TW-7000 for sale
>To: transworld_radio@yahoogroups.com
>Date: Tuesday, September 18, 2012, 3:53 PM
>
>
>
>Hello everyone,
>
>I have 02 transwold-datron tw7000 "in working condition" for sale.
>
>I just got new rigs and I decided to let them go,

>the condition: good (7 of 10)
>the location: Lima-Perú
>I can ship by fedex or dhl, (think will be expensive by weight)
>I can send it all pictures and necessary videos.
>
>The radios comes with:
>02 Printed manuals, 01 for operator and 01 technical
>Power Cables (02)
>ALE boards - instaled and working (in both)
>Hand mic´s (01 is whelen - USA, and 01 is furuno, Japan)
>Software ver. is 701w (in both)
>BITE: OK. (in both)
>
>About operational condition:
>The LCD backlite in 02 cases are very good (the color is blue)
>All knobs and the button panel are original and is in good condition (except one knob instaled to clarifier that is not original)
>the max. power output are 100w (in both)
>Have 2 mic conectors in the front panel, one is the original (6pin) and the other is a 04 pin conector (used in most commercial ham rigs)
>paint have some little scratches (nothing serious)
>I´ll try to upload one radio to ebay very soon.
>
>I ask $500.00 each (+ shipping) I always use paypal.
>Feel free to send it all your questions.
>
>73
>Ed
>OA4BSA
>
>

864. Re: [transworld_radio] RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-09-18 23:10:46 UTC
From: Alex J Rokowetz
Topic: 854 Message: 864

Sorry for the late reply on this request.

The following information is listed in the Service Manual for the RAT100:

R15 - Transworld Part Number 124101 - Resistor, Film 1/4 W 5% 100 Ohm
C20 - Transworld Part Number 261250 - Capacitor, Trimmer 1-25 pF
D6 - Transworld Part Number 320003 - Diode, 1N34A

I hope this helps you.

Alex
K2AJR

>_____
> From: i2xqz <i2xqz@...>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, September 11, 2012 3:11 PM
>Subject: [transworld_radio] RAT100 Failure of the directional copuler
>
>
>
>
>
>Hi, I bought a failed RAT100. I made some check and I found a failure into the RAT100-DETECT module (WO 989076 Rev J). Probably excessive power damaged the following components (they are burned out!):
>1 - R15 Resistor near TP2 and TP4. Resistor burned up and it's impossible to read the color bands.
>2 -C20 small adjustable capacitor (yellow Color) near C14 and the soldered junction of the two coaxial cables. Capacitor burned up.
>3 - D6 diode of the directional coupler near R17 trimmer. Diode shorted. Look like a germanium diode: bigger than a 1N4148 with a green ban on it.
>
>Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100
>
>
>
>
>

865. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-18 23:18:45 UTC
From: Eduardo Leiva
Topic: 861 Message: 865

Hello Alex.

Shipping cost (by FedEx) for one radio to your location is: US$ 382.44

Regards,
Ed

From: Alex J Rokowetz <belarok@...>
To: transworld_radio@yahoogroups.com
Cc: a1elg1@yahoo.com
Sent: Tuesday, September 18, 2012 3:51 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Eduardo,

I would like to purchase both radios if possible. I can pay paypal. Please let me know the total amount including shipping.

My mailing address is:

Alexander Rokowetz
22 Campbello Street
Hudson, New Hampshire, 03051
USA
Alex
K2AJR

--- On Tue, 9/18/12, a1elg1 <a1elg1@...> wrote:

>From: a1elg1 <a1elg1@...>
>Subject: [transworld_radio] 02 Datron TW-7000 for sale
>To: transworld_radio@yahoogroups.com
>Date: Tuesday, September 18, 2012, 3:53 PM
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>Hello everyone,
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>I just got new rigs and I decided to let them go,
>the condition: good (7 of 10)
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>The radios comes with:
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>I ask $500.00 each (+ shipping) I always use paypal.
>Feel free to send it all your questions.
>
>73
>Ed
>OA4BSA
>
>

866. Re: [transworld_radio] RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-09-19 19:10:11 UTC
From: Francesco d'Angelo
Topic: 854 Message: 866

Thank you a lot Alex. I appreciate your help. How can I do to have a copy of the manual? I would like to buy a copy if possible. Thank you againFrancesco I2XQZ

--- On Wed, 9/19/12, Alex J Rokowetz <belarok@...> wrote:

From: Alex J Rokowetz <belarok@...>
Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Cc: "i2xqz@..." <i2xqz@yahoo.com>, "tullio mott" <tulliomott@...>
Date: Wednesday, September 19, 2012, 1:10 AM

Sorry for the late reply on this request. The following information is listed in the Service Manual for the RAT100: R15 - Transworld Part Number 124101 - Resistor, Film 1/4 W 5% 100 Ohm C20 - Transworld Part Number 261250 - Capacitor, Trimmer 1-25 pFD6 - Transworld Part Number 320003 - Diode, 1N34A I hope this helps you. Alex K2AJR
From: i2xqz <i2xqz@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 11, 2012 3:11 PM
Subject: [transworld_radio] RAT100 Failure of the directional copuler

Hi, I bought a failed RAT100. I made some check and I found a failure into the RAT100-DETECT module (WO 989076 Rev J). Probably excessive power damaged the following components (they are burned out!):

1 - R15 Resistor near TP2 and TP4. Resistor burned up and it's impossible to read the color bands.

2 -C20 small adjustable capacitor (yellow Color) near C14 and the soldered junction of the two coaxial cables. Capacitor burned up.

3 - D6 diode of the directional coupler near R17 trimmer. Diode shorted. Look like a germanium diode: bigger than a 1N4148 with a green ban on it.

Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100

867. Re: [transworld_radio] RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-09-19 19:55:18 UTC
From: Alex J Rokowetz
Topic: 854 Message: 867

Francesco,

Unfortunately, I do not know where to buy the manual. I will try to scan my manual, but my scanner has been misbehaving recently. I will let you know if I am able to scan the manual.

Alex
K2AJR

--- On Wed, 9/19/12, Francesco d'Angelo <i2xqz@...> wrote:

From: Francesco d'Angelo <i2xqz@...>
Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
To: transworld_radio@yahoogroups.com
Date: Wednesday, September 19, 2012, 3:10 PM

Thank you a lot Alex. I appreciate your help. How can I do to have a copy of the manual? I would like to buy a copy if possible. Thank you again
Francesco I2XQZ

--- On Wed, 9/19/12, Alex J Rokowetz <belarok@...> wrote:

From: Alex J Rokowetz <belarok@...>
Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Cc: "i2xqz@..." <i2xqz@yahoo.com>, "tullio mott" <tulliomott@...>
Date: Wednesday, September 19, 2012, 1:10 AM

Sorry for the late reply on this request.

The following information is listed in the Service Manual for the RAT100:

R15 - Transworld Part Number 124101 - Resistor, Film 1/4 W 5% 100 Ohm
C20 - Transworld Part Number 261250 - Capacitor, Trimmer 1-25 pF
D6 - Transworld Part Number 320003 - Diode, 1N34A

I hope this helps you.

Alex
K2AJR

From: i2xqz <i2xqz@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 11, 2012 3:11 PM
Subject: [transworld_radio] RAT100 Failure of the directional copuler

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2 -C20 small adjustable capacitor (yellow Color) near C14 and the soldered junction of the two coaxial cables. Capacitor burned up.
3 - D6 diode of the directional coupler near R17 trimmer. Diode shorted. Look like a germanium diode: bigger than a 1N4148 with a green ban on it.

Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100

868. RT5201 Remote Head In Stock

Yahoo group: transworld_radio
Date: 2012-09-20 10:40:04 UTC
From: Alex J Rokowetz
Topic: 868 Message: 868

It seems Murphy has the RT-5201 remote heads in stock again. Looks like the price has gone up since the last time he had them.

http://www.murphyjunk.bizland.com/id2.html

Alex
K2AJR

869. RE: [transworld_radio] RT5201 Remote Head In Stock

Yahoo group: transworld_radio
Date: 2012-09-20 13:16:48 UTC
From: Pasquale Lombardi
Topic: 868 Message: 869

Alex,

Did you get yours to function correctly?
Pat

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Thursday, September 20, 2012 6:40 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT5201 Remote Head In Stock

It seems Murphy has the RT-5201 remote heads in stock again. Looks like the price has gone up since the last time he had them.

http://www.murphyjunk.bizland.com/id2.html

Alex
K2AJR

870. RE: [transworld_radio] RT5201 Remote Head In Stock

Yahoo group: transworld_radio
Date: 2012-09-20 13:34:37 UTC
From: Alex J Rokowetz
Topic: 868 Message: 870

Pat,

I am totally fine with the radio that Eduardo said I would get. I order parts from Datron a coupe of times a year and will just order some extra knobs on my next order. They are cheap.

Also, I prefer the orginal manuals which come with that radio, even if they are in Spanish, I can read them without difficulty.

Also, I have extra DC power cables, so if you need one for your radio, let me know. The radios should work off of AC power, but if you want to run data, rtty, or CW... you should probably use a seperate DC power supply. In that case you would need the cable.

Alex
K2AJR

--- On Thu, 9/20/12, Pasquale Lombardi <pasquale.nj@...> wrote:

From: Pasquale Lombardi <pasquale.nj@...>
Subject: RE: [transworld_radio] RT5201 Remote Head In Stock
To: transworld_radio@yahoogroups.com
Date: Thursday, September 20, 2012, 9:16 AM

Alex,
Did you get yours to function correctly?
Pat

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Thursday, September 20, 2012 6:40 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT5201 Remote Head In Stock

It seems Murphy has the RT-5201 remote heads in stock again. Looks like the price has gone up since the last time he had them.

http://www.murphyjunk.bizland.com/id2.html

Alex
K2AJR

871. Oops!

Yahoo group: transworld_radio
Date: 2012-09-20 13:37:44 UTC
From: Alex J Rokowetz
Topic: 868 Message: 871

Sorry guys, that was supposed to be a private message to Pat Lomabrdi.

Alex
K2AJR

--- On Thu, 9/20/12, Alex J Rokowetz <belarok@...> wrote:

From: Alex J Rokowetz <belarok@...>
Subject: RE: [transworld_radio] RT5201 Remote Head In Stock
To: transworld_radio@yahoogroups.com
Date: Thursday, September 20, 2012, 9:34 AM

Pat,

I am totally fine with the radio that Eduardo said I would get. I order parts from Datron a coupe of times a year and will just order some extra knobs on my next order. They are cheap.

Also, I prefer the orginal manuals which come with that radio, even if they are in Spanish, I can read them without difficulty.

Also, I have extra DC power cables, so if you need one for your radio, let me know. The radios should work off of AC power, but if you want to run data, rtty, or CW... you should probably use a seperate DC power supply. In that case you would need the cable.

Alex
K2AJR

--- On Thu, 9/20/12, Pasquale Lombardi <pasquale.nj@verizon.net> wrote:

From: Pasquale Lombardi <pasquale.nj@...>
Subject: RE: [transworld_radio] RT5201 Remote Head In Stock
To: transworld_radio@yahoogroups.com
Date: Thursday, September 20, 2012, 9:16 AM

Alex,
Did you get yours to function correctly?
Pat

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Thursday, September 20, 2012 6:40 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT5201 Remote Head In Stock

It seems Murphy has the RT-5201 remote heads in stock again. Looks like the price has gone up since the last time he had them.

http://www.murphyjunk.bizland.com/id2.html

Alex
K2AJR

872. Re: [transworld_radio] Oops!

Yahoo group: transworld_radio
Date: 2012-09-20 13:41:41 UTC
From: a1elg1@yahoo.com
Topic: 868 Message: 872

no problem :)

Have great day,

73

Enviado desde mi BlackBerry de Claro.

-----Original Message-----
From: Alex J Rokowetz <belarok@yahoo.com>
Sender: transworld_radio@yahoogroups.com
Date: Thu, 20 Sep 2012 06:37:44
To: <transworld_radio@yahoogroups.com>
Reply-To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Oops!

Sorry guys, that was supposed to be a private message to Pat Lomabrdi.

Alex
K2AJR

--- On Thu, 9/20/12, Alex J Rokowetz <belarok@yahoo.com> wrote:

From: Alex J Rokowetz <belarok@yahoo.com>
Subject: RE: [transworld_radio] RT5201 Remote Head In Stock
To: transworld_radio@yahoogroups.com
Date: Thursday, September 20, 2012, 9:34 AM

Pat,

I am totally fine with the radio that Eduardo said I would get. I order parts from Datron a coupe of times a year and will just order some extra knobs on my next order. They are cheap.

Also, I prefer the orginal manuals which come with that radio, even if they are in Spanish, I can read them without difficulty.

Also, I have extra DC power cables, so if you need one for your radio, let me know. The radios should work off of AC power, but if you want to run data, rtty, or CW... you should probably use a seperate DC power supply. In that case you would need the cable.

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From: Pasquale Lombardi <pasquale.nj@verizon.net>
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Date: Thursday, September 20, 2012, 9:16 AM

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Did you get yours to function correctly?
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http://www.murphyjunk.bizland.com/id2.html

Alex
K2AJR

873. Re: [transworld_radio] RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-09-20 20:16:13 UTC
From: Francesco d'Angelo
Topic: 854 Message: 873

Alex,thankyou for all your big help. Francesco I2XQZ

--- On Wed, 9/19/12, Alex J Rokowetz <belarok@...> wrote:

From: Alex J Rokowetz <belarok@...>
Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
To: transworld_radio@yahoogroups.com
Date: Wednesday, September 19, 2012, 9:55 PM

Francesco,

Unfortunately, I do not know where to buy the manual. I will try to scan my manual, but my scanner has been misbehaving recently. I will let you know if I am able to scan the manual.

Alex
K2AJR

--- On Wed, 9/19/12, Francesco d'Angelo <i2xqz@...> wrote:

From: Francesco d'Angelo <i2xqz@...>
Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
To: transworld_radio@yahoogroups.com
Date: Wednesday, September 19, 2012, 3:10 PM

Thank you a lot Alex. I appreciate your help. How can I do to have a copy of the manual? I would like to buy a copy if possible. Thank you again
Francesco I2XQZ

--- On Wed, 9/19/12, Alex J Rokowetz <belarok@...> wrote:

From: Alex J Rokowetz <belarok@yahoo.com>
Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Cc: "i2xqz@..." <i2xqz@...>, "tullio mott" <tulliomott@yahoo.it>
Date: Wednesday, September 19, 2012, 1:10 AM

Sorry for the late reply on this request.

The following information is listed in the Service Manual for the RAT100:

R15 - Transworld Part Number 124101 - Resistor, Film 1/4 W 5% 100 Ohm
C20 - Transworld Part Number 261250 - Capacitor, Trimmer 1-25 pF
D6 - Transworld Part Number 320003 - Diode, 1N34A

I hope this helps you.

Alex
K2AJR

From: i2xqz <i2xqz@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 11, 2012 3:11 PM
Subject: [transworld_radio] RAT100 Failure of the directional copuler

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Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100

874. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-20 23:31:24 UTC
From: Eduardo Leiva
Topic: 861 Message: 874

Hello everyone,

Just to inform that the first tw7k was sold today.
Many thanks and 73,

Ed
OA4BSA

From: a1elg1 <a1elg1@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 18, 2012 2:53 PM
Subject: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

I have 02 transwold-datron tw7000 "in working condition" for sale.

I just got new rigs and I decided to let them go,
the condition: good (7 of 10)
the location: Lima-Perú
I can ship by fedex or dhl, (think will be expensive by weight)
I can send it all pictures and necessary videos.

The radios comes with:
02 Printed manuals, 01 for operator and 01 technical
Power Cables (02)
ALE boards - instaled and working (in both)
Hand mic´s (01 is whelen - USA, and 01 is furuno, Japan)
Software ver. is 701w (in both)
BITE: OK. (in both)

About operational condition:
The LCD backlite in 02 cases are very good (the color is blue)
All knobs and the button panel are original and is in good condition (except one knob instaled to clarifier that is not original)
the max. power output are 100w (in both)
Have 2 mic conectors in the front panel, one is the original (6pin) and the other is a 04 pin conector (used in most commercial ham rigs)
paint have some little scratches (nothing serious)
I´ll try to upload one radio to ebay very soon.

I ask $500.00 each (+ shipping) I always use paypal.
Feel free to send it all your questions.

73
Ed

0A4BSA

875. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-21 21:29:04 UTC
From: Eduardo Leiva
Topic: 861 Message: 875

Hello everyone,

Just to inform that the second tw7k was sold yesterday.
Many thanks to all and 73,

EdOA4BSA

From: Eduardo Leiva <a1elg1@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 20, 2012 6:31 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

Just to inform that the first tw7k was sold today.
Many thanks and 73,

Ed
OA4BSA

From: a1elg1 <a1elg1@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 18, 2012 2:53 PM
Subject: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

I have 02 transwold-datron tw7000 "in working condition" for sale.

I just got new rigs and I decided to let them go,
the condition: good (7 of 10)
the location: Lima-Perú
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I´ll try to upload one radio to ebay very soon.

I ask $500.00 each (+ shipping) I always use paypal.
Feel free to send it all your questions.

73
Ed
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876. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-21 21:43:32 UTC
From: wa9dgm@aol.com
Topic: 861 Message: 876

Would anyone have a couple of working mics with correct connectors for the tw-7000 that they would like to sell?? 73 John

On Sep 21, 2012, at 14:29, Eduardo Leiva <a1elg1@...> wrote:

> Hello everyone,
>
> Just to inform that the second tw7k was sold yesterday.
> Many thanks to all and 73,
>
> Ed
> OA4BSA
>
>
> From: Eduardo Leiva <a1elg1@...>
> To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
> Sent: Thursday, September 20, 2012 6:31 PM
> Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale
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>
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> Many thanks and 73,
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> Ed
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>
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> To: transworld_radio@yahoogroups.com
> Sent: Tuesday, September 18, 2012 2:53 PM
> Subject: [transworld_radio] 02 Datron TW-7000 for sale
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> Hello everyone,
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> I just got new rigs and I decided to let them go,
> the condition: good (7 of 10)
> the location: Lima-Perú
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> The LCD backlite in 02 cases are very good (the color is blue)
> All knobs and the button panel are original and is in good condition (except one knob instaled to clarifier that is not original)
> the max. power output are 100w (in both)
> Have 2 mic conectors in the front panel, one is the original (6pin) and the other is a 04 pin conector (used in most commercial ham rigs)
> paint have some little scratches (nothing serious)
> I´ll try to upload one radio to ebay very soon.
>
> I ask $500.00 each (+ shipping) I always use paypal.
> Feel free to send it all your questions.
>
> 73
> Ed
> OA4BSA
>
>
>
>
>
>

877. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-23 19:27:46 UTC
From: Radio Station KW1I
Topic: 861 Message: 877

Eduardo,

Thank you for sending me images and video. I have several Datron-Transworld pieces and I like the equipment very much. I appreciate your emails on the status of your sale. I saw Alex Rokowetz and Pat Lomabardi this weekend. I think they are your buyers. Your radios are going to good homes!

Regards,

Dale
KW1I

----- Original Message -----
From: Eduardo Leiva
To: transworld_radio@yahoogroups.com
Sent: Friday, September 21, 2012 5:29 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

Just to inform that the second tw7k was sold yesterday.
Many thanks to all and 73,

Ed
OA4BSA

From: Eduardo Leiva <a1elg1@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 20, 2012 6:31 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

Just to inform that the first tw7k was sold today.
Many thanks and 73,

Ed
OA4BSA

From: a1elg1 <a1elg1@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 18, 2012 2:53 PM
Subject: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

I have 02 transwold-datron tw7000 "in working condition" for sale.

I just got new rigs and I decided to let them go,
the condition: good (7 of 10)
the location: Lima-Perú
I can ship by fedex or dhl, (think will be expensive by weight)
I can send it all pictures and necessary videos.

The radios comes with:
02 Printed manuals, 01 for operator and 01 technical
Power Cables (02)
ALE boards - instaled and working (in both)
Hand mic´s (01 is whelen - USA, and 01 is furuno, Japan)
Software ver. is 701w (in both)
BITE: OK. (in both)

About operational condition:
The LCD backlite in 02 cases are very good (the color is blue)
All knobs and the button panel are original and is in good condition (except one knob instaled to clarifier that is not original)
the max. power output are 100w (in both)
Have 2 mic conectors in the front panel, one is the original (6pin) and the other is a 04 pin conector (used in most commercial ham rigs)
paint have some little scratches (nothing serious)
I´ll try to upload one radio to ebay very soon.

I ask $500.00 each (+ shipping) I always use paypal.
Feel free to send it all your questions.

73
Ed
OA4BSA

878. Re: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-23 19:29:28 UTC
From: Radio Station KW1I
Topic: 861 Message: 878

Apologies for sending to the reflector. - DG

----- Original Message -----
From: Radio Station KW1I
To: transworld_radio@yahoogroups.com
Sent: Sunday, September 23, 2012 3:27 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

□

Eduardo,

Thank you for sending me images and video. I have several Datron-Transworld pieces and I like the equipment very much. I appreciate your emails on the status of your sale. I saw Alex Rokowetz and Pat Lomabardi this weekend. I think they are your buyers. Your radios are going to good homes!

Regards,

Dale
KW1I

----- Original Message -----
From: Eduardo Leiva
To: transworld_radio@yahoogroups.com
Sent: Friday, September 21, 2012 5:29 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

Just to inform that the second tw7k was sold yesterday.
Many thanks to all and 73,

Ed
OA4BSA

From: Eduardo Leiva <a1elg1@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 20, 2012 6:31 PM
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

Just to inform that the first tw7k was sold today.
Many thanks and 73,

Ed
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From: a1elg1 <a1elg1@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 18, 2012 2:53 PM
Subject: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

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Feel free to send it all your questions.

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Ed
OA4BSA

879. RE: [transworld_radio] 02 Datron TW-7000 for sale

Yahoo group: transworld_radio
Date: 2012-09-23 23:58:21 UTC
From: Pasquale Lombardi
Topic: 861 Message: 879

Thank you for that confidence Dale.

Pat in NJ

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Radio Station KW1I
Sent: Sunday, September 23, 2012 3:28 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

□

Eduardo,

Thank you for sending me images and video. I have several Datron-Transworld pieces and I like the equipment very much. I appreciate your emails on the status of your sale. I saw Alex Rokowetz and Pat Lomabardi this weekend. I think they are your buyers. Your radios are going to good homes!

Regards,

Dale

KW1I

----- Original Message -----

From: Eduardo Leiva <mailto:a1elg1@...>

To: transworld_radio@yahoogroups.com

Sent: Friday, September 21, 2012 5:29 PM

Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

Just to inform that the second tw7k was sold yesterday.

Many thanks to all and 73,

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OA4BSA

From: Eduardo Leiva <a1elg1@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 20, 2012 6:31 PM

Subject: Re: [transworld_radio] 02 Datron TW-7000 for sale

Hello everyone,

Just to inform that the first tw7k was sold today.

Many thanks and 73,

Ed

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From: a1elg1 <a1elg1@...>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 18, 2012 2:53 PM
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Hello everyone,

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the condition: good (7 of 10)
the location: Lima-Perú
I can ship by fedex or dhl, (think will be expensive by weight)
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I ask $500.00 each (+ shipping) I always use paypal.
Feel free to send it all your questions.

73
Ed
OA4BSA

880. TF100F SelCall unit removal

Yahoo group: transworld_radio
Date: 2012-10-06 12:25:56 UTC
From: zs6kr
Topic: 880 Message: 880

Good day all,

I am a new TW-100F owner and am puzzled by a few things:

1) How to remove the radio out of the carrycase when the SC unit blocks any fingers or spanners to the shock mounts.

2) What is involved in removing the SC unit as I see a wire loom going into the main radio part. What can then also be removed inside the radio?

Thanks,
Hans ZS6KR

881. Need, DC Power cable for TW7000

Yahoo group: transworld_radio
Date: 2012-10-26 14:55:08 UTC
From: Pat
Topic: 881 Message: 881

Hello,
I need a DC input power cable for my newly arrived TW7000.
DC input power cable C991829,, C991890 or C991879.
Thank you,
Pat

882. TW100 flyaway

Yahoo group: transworld_radio
Date: 2012-10-31 23:23:21 UTC
From: michael_hislop
Topic: 882 Message: 882

Hello,

I have a tw100 flyaway that is only putting out 30 watts. I replaced the finals and it is still only putting 30 watts. I was told you can no longer find the drivers. Is that true? Any help would be appreciated.

Thanks,

Mike

883. Mystery Transworld Device

Yahoo group: transworld_radio
Date: 2012-11-15 01:21:54 UTC
From: Alex J Rokowetz
Topic: 883 Message: 883

Group,

Recent travels brought me face to face with a very special but unknown (to me) Transworld device. I popped the cover off and took some photos which are posted here:

http://groups.yahoo.com/group/transworld_radio/photos/album/990053322/pic/list

Th emodel number is TW1102.

Anyone got an idea about what this is? Modem? Data Device? RTTY? Clover? Something else?

Alex
K2AJR

884. RE: [transworld_radio] Mystery Transworld Device

Yahoo group: transworld_radio
Date: 2012-11-15 06:24:18 UTC
From: D. Emer
Topic: 883 Message: 884

Modem - OEM'ed from Fredericks electronics I'd guess
http://www.nsgdata.com/fredelec/products/1102.pdf
Dud
KK7IF

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Wednesday, November 14, 2012 5:22 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Mystery Transworld Device

Group,

Recent travels brought me face to face with a very special but unknown (to me) Transworld device. I popped the cover off and took some photos which are posted here:

http://groups.yahoo.com/group/transworld_radio/photos/album/990053322/pic/list

Th emodel number is TW1102.

Anyone got an idea about what this is? Modem? Data Device? RTTY? Clover? Something else?

Alex
K2AJR

885. Re: [transworld_radio] Mystery Transworld Device

Yahoo group: transworld_radio
Date: 2012-11-15 11:00:47 UTC
From: Alex J Rokowetz
Topic: 883 Message: 885

Thank you Dud!

Alex
K2AJR

>_____
> From: D. Emer <dfemer@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, November 15, 2012 1:24 AM
>Subject: RE: [transworld_radio] Mystery Transworld Device
>
>
>
>
>Modem - OEM'ed from Fredericks electronics I'd guess
>http://www.nsgdata.com/fredelec/products/1102.pdf
>Dud
>KK7IF
>
>From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
>Sent: Wednesday, November 14, 2012 5:22 PM
>To: transworld_radio@yahoogroups.com
>Subject: [transworld_radio] Mystery Transworld Device
>
>
>Group,
>
>Recent travels brought me face to face with a very special but unknown (to me) Transworld device. I popped the cover off and took some photos which are posted here:
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>
>Th emodel number is TW1102.
>
>Anyone got an idea about what this is? Modem? Data Device? RTTY? Clover? Something else?
>
>Alex
>K2AJR
>

886. Transworld tw100 flyaway

Yahoo group: transworld_radio
Date: 2012-11-15 16:25:02 UTC
From: michael_hislop
Topic: 886 Message: 886

Does anyone know where I can find the drivers for the PA in my TW100 flyaway?

Thanks,

Mike

887. Re: [transworld_radio] Mystery Transworld Device available at Murphy's Surplus

Yahoo group: transworld_radio
Date: 2012-11-15 16:34:03 UTC
From: Alex J Rokowetz
Topic: 883 Message: 887

Guys,

Mike Murphy let me know that he has added the modem to his website. Go to

http://www.murphyjunk.bizland.com/id5.html

and scroll down part of the way.

Alex
K2AJR

--- On Thu, 11/15/12, Alex J Rokowetz <belarok@...> wrote:

From: Alex J Rokowetz <belarok@...>
Subject: Re: [transworld_radio] Mystery Transworld Device
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Date: Thursday, November 15, 2012, 6:00 AM

Thank you Dud!

Alex
K2AJR

From: D. Emer <dfemer@...>
To: transworld_radio@yahoogroups.com
Sent: Thursday, November 15, 2012 1:24 AM
Subject: RE: [transworld_radio] Mystery Transworld Device

Modem - OEM’ed from Fredericks electronics I’d guess
http://www.nsgdata.com/fredelec/products/1102.pdf
Dud
KK7IF

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Wednesday, November 14, 2012 5:22 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Mystery Transworld Device

Group,

Recent travels brought me face to face with a very special but unknown (to me) Transworld device. I popped the cover off and took some photos which are posted here:

http://groups.yahoo.com/group/transworld_radio/photos/album/990053322/pic/list

Th emodel number is TW1102.

Anyone got an idea about what this is? Modem? Data Device? RTTY? Clover? Something else?

Alex
K2AJR

888. Re: [transworld_radio] Transworld tw100 flyaway

Yahoo group: transworld_radio
Date: 2012-11-15 16:47:37 UTC
From: Mark Clausen
Topic: 886 Message: 888

There's a gentleman in the UK that sells the transistors in matched pairs for a very reasonable price. I don't recall the specifics, but search the group for PA transistors and you'll come up with the answer -- he does all business by mail or phone, so you'll have to take the slow road.

If you're impatient (as I was), I got a pair of matched SRF3662's from RF Parts (http://www.rfparts.com/transistors_MRF-TP.html). I followed the directions on: http://freespace.virgin.net/t.w100uk/replacing_pa_transistors.htm and had very good success.

Good luck and 73!

Mark
N9PSE

----- Original Message -----

Does anyone know where I can find the drivers for the PA in my TW100 flyaway?

Thanks,

Mike

889. Re: Transworld tw100 flyaway

Yahoo group: transworld_radio
Date: 2012-11-15 16:53:13 UTC
From: n9pse
Topic: 886 Message: 889

Found it... See message 571.

73

--- In transworld_radio@yahoogroups.com, "michael_hislop" <mhislop@...> wrote:
>
>
>
> Does anyone know where I can find the drivers for the PA in my TW100 flyaway?
>
> Thanks,
>
> Mike
>

890. RE: [transworld_radio] Transworld tw100 flyaway

Yahoo group: transworld_radio
Date: 2012-11-15 22:17:46 UTC
From: Hislop, Michael
Topic: 886 Message: 890

Mark, thanks for your help.

Michael R. Hislop
Chief Investigator
Humboldt County District Attorney's Office
825 5th Street, 4th Floor
Eureka, CA. 95501
707-268-2590

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Mark Clausen
Sent: Thursday, November 15, 2012 8:48 AM
To: transworld radio
Subject: Re: [transworld_radio] Transworld tw100 flyaway

There's a gentleman in the UK that sells the transistors in matched pairs for a very reasonable price. I don't recall the specifics, but search the group for PA transistors and you'll come up with the answer -- he does all business by mail or phone, so you'll have to take the slow road.

If you're impatient (as I was), I got a pair of matched SRF3662's from RF Parts (http://www.rfparts.com/transistors_MRF-TP.html). I followed the directions on: http://freespace.virgin.net/t.w100uk/replacing_pa_transistors.htm and had very good success.

Good luck and 73!

Mark
N9PSE

Does anyone know where I can find the drivers for the PA in my TW100 flyaway?

Thanks,

Mike

891. Transworld TW100 for sale

Yahoo group: transworld_radio
Date: 2012-11-16 21:45:18 UTC
From: cr_anton
Topic: 891 Message: 891

I'm exploring some new projects so I have a Transworld TW-100MS transceiver for sale. Please contact me at canton@... for details, photos and price. I have two other TW-100 units so I'm not forsaking these fine radios, just reducing the collection.

cheers
Chris

892. RT104 Transworld Transceiver

Yahoo group: transworld_radio
Date: 2012-11-17 17:28:06 UTC
From: Dennis
Topic: 892 Message: 892

Friend Charlie, KA1GON, found this cute little rig at a hamfest recently. It's the first I've ever seen. Anybody know anything about it?

#1, RT104 front panel. The radio is obviously quite small. Curios that it would have two stages of attenuation. Same mic connector as the TW100 family.

#2, RT104 rear panel. Note plastic Molex type connectors as used on the very early TW100's.

#3, UPS104, front. Matching power supply for the RT104.

#4, UPS104, rear.

<http://groups.yahoo.com/group/transworld_radio/photos/album/1309302959/pic/list>

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

893. tw-7000

Yahoo group: transworld_radio
Date: 2012-11-17 19:22:51 UTC
From: bigjohn45m
Topic: 893 Message: 893

still looking for a mic with connector for civilian/commerical tw-7000 xcvr. not mil spec connector. 73 john

894. Re: RT104 Transworld Transceiver

Yahoo group: transworld_radio
Date: 2012-11-18 15:12:44 UTC
From: W4AFK
Topic: 892 Message: 894

Dennis,

I checked with my staff and others that have been around longer than I and although some had heard of the RT104 we can't find any legacy documentation about this old Transworld (Datron) radio. My history with Transworld starts with the TW100/RT100 series around 1990. The RT104 actually predates me ;-)

So it seems like the source for documentation will need to be the Internet... sorry ;-)

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> Friend Charlie, KA1GON, found this cute little rig at a hamfest recently. It's the first I've ever seen. Anybody know anything about it?
>
> #1, RT104 front panel. The radio is obviously quite small. Curios that it would have two stages of attenuation. Same mic connector as the TW100 family.
>
> #2, RT104 rear panel. Note plastic Molex type connectors as used on the very early TW100's.
>
> #3, UPS104, front. Matching power supply for the RT104.
>
> #4, UPS104, rear.
>
> <http://groups.yahoo.com/group/transworld_radio/photos/album/1309302959/pic/list>
>
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack Monitor(all USB):
> 3996, 5357, 7296, 14342.5, 18157.5
>

895. Re: [transworld_radio] Re: RT104 Transworld Transceiver

Yahoo group: transworld_radio
Date: 2012-11-18 16:01:54 UTC
From: Dennis
Topic: 892 Message: 895

>To: transworld_radio@yahoogroups.com

>I checked with my staff and others that have been around longer than I and although some had heard of the RT104

There are many oddball Transworld variants out there that include Pre-PRC-1099 pack sets, PROM controlled desk top transceivers, xtal control sets made for MARS, & a host of others.

As a collector of these early radios, from numerous manufactures, it is very frustrating to me that these companies had so little pride in their early, sometimes historic, equipment that documenting them is often impossible.

Transworld was a pioneer in synthesized HF equipment, much of which is still in service after nearly 30 years, & still out performs equipment of current design & manufacture. You'd think Datron would be proud of that fact & seek to capitalize on it.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

896. RAT7000 on generic transceiver

Yahoo group: transworld_radio
Date: 2012-11-25 23:53:55 UTC
From: felipe
Topic: 896 Message: 896

Hello folks,

Would anyone here know how to trigger the RAT7000 to tune with a generic trx?

73,

Felipe - PY1NB

897. TW100 Mic connections

Yahoo group: transworld_radio
Date: 2012-11-26 20:10:25 UTC
From: Sid Leben
Topic: 897 Message: 897

Dennis et all,
MY TW100 Desk top arrived today (2 knob version). Looks like a clean unit, audio could use some DSP…
Tried it on CW, so far so good. Abt 80 W out… Now to phone:
I have a Shure 404C mic & mating 4 pin connector. It's been a long time since I wired up a mic & I have some questions..

Data shows pinout as: 1- Ground, 2-Rcv Audio, 3-Mic, 4-Gnd.

Cable is Red, Black, Wht, & shield. I looks like that on mic, when PTT, Blk makes to Red. Just unsure what goes where as there is a board in the mic body.

Question??? 1-Shld wire
2- Blk Rcv Audio
3- Wht Mic
4-Red PTT

I am really confused & do not want to err..

Thanks for help

Sid KC2EE

898. Re: [transworld_radio] RAT7000 on generic transceiver

Yahoo group: transworld_radio
Date: 2012-11-27 23:41:04 UTC
From: Alex J Rokowetz
Topic: 896 Message: 898
Attachments: 1 described; binary payloads are missing from this source WARC

Felipe,

I have never used my RAT7000 with a generic transceiver.

Check your inbox. I just sent you a manual for the RAT7000 tuner. I sent you a Spanish language manual. If you really need an English language manual, let me know.

Maybe this manual will help you answer the question.

Alex
K2AJR

>_____
> From: felipe <felipeceglia2@...>
>To: transworld_radio@yahoogroups.com
>Sent: Sunday, November 25, 2012 6:53 PM
>Subject: [transworld_radio] RAT7000 on generic transceiver
>
>
>
>
>Hello folks,
>
>Would anyone here know how to trigger the RAT7000 to tune with a generic trx?
>
>73,
>
>Felipe - PY1NB
>
>
>

899. Re: [transworld_radio] RAT7000 on generic transceiver [1 Attachment]

Yahoo group: transworld_radio
Date: 2012-11-28 10:55:44 UTC
From: PY1NB - Felipe Ceglia
Topic: 896 Message: 899

Hi Alex,

Thank you for the file. It would be good if you could send me the english version as well.

Thanks,

Felipe Ceglia - PY1NB

PR1T team member /// Rio DX Group member /// Araucaria DX Group member
http://dxwatch.com /// http://reversebeacon.net /// http://riodxgroup.com

On Tue, Nov 27, 2012 at 9:41 PM, Alex J Rokowetz <belarok@...> wrote:

> [Attachment(s) <#13b443f0b563821c_TopText> from Alex J Rokowetz included
> below]
>
> Felipe,
>
> I have never used my RAT7000 with a generic transceiver.
>
> Check your inbox. I just sent you a manual for the RAT7000 tuner. I sent
> you a Spanish language manual. If you really need an English language
> manual, let me know.
>
> Maybe this manual will help you answer the question.
>
> Alex
> K2AJR
>
> *From:* felipe <felipeceglia2@...>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Sunday, November 25, 2012 6:53 PM
> *Subject:* [transworld_radio] RAT7000 on generic transceiver
> **
>
> Hello folks,
>
> Would anyone here know how to trigger the RAT7000 to tune with a generic
> trx?
>
> 73,
>
> Felipe - PY1NB
>
> ****

>
>
> Attachment(s) from Alex J Rokowetz
>
> 1 of 1 File(s)
> RAT7000 - Operator Manual - Spanish.pdf<http://xa.yimg.com/kq/groups/11169340/980177371/name/RAT7000%20-%20Operator%20Manual%20-%20Spanish%2Epdf>
>
>

900. Re: [transworld_radio] RAT100 Failure of the directional copuler

Yahoo group: transworld_radio
Date: 2012-12-03 21:53:29 UTC
From: Alex J Rokowetz
Topic: 854 Message: 900

Francesco,
Tullio,

I managed to scan the RAT100
Automatic Antenna Tuner Technical Manual and have uploaded it to this
yahoo group. The manual is located in the "Files" section in the folder titled "Docs".

http://f1.grp.yahoofs.com/v1/0BK9UI8G23q4a9oqohvla_kRozS27Olzskr2H2WGCOsD911GvDH4gZyu_l7s-j438ObErggrSrrmz-wmUTtcrpHmPnVLiw/Docs/RAT100%20Automatic%20Antenna%20Tuner%20With%20AT100%20Supplement.pdf

This manual also includes the AT100 supplement. This supplement
outlines the very small differences between the RAT100 and AT100
tuners. I hope this manual helps you and other group members
troubleshoot problems with their AT100 or RAT100 tuners.

Best 73,

Alex
K2AJR

>_____
> From: Francesco d'Angelo <i2xqz@...>
>To: transworld_radio@yahoogroups.com
>Sent: Wednesday, September 19, 2012 3:10 PM
>Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
>
>
>
>Thank you a lot Alex. I appreciate your help. How can I do to have a copy of the manual? I would like to buy a copy if possible. Thank you again
>Francesco I2XQZ
>
>--- On Wed, 9/19/12, Alex J Rokowetz <belarok@...> wrote:
>
>
>>From: Alex J Rokowetz <belarok@...>
>>Subject: Re: [transworld_radio] RAT100 Failure of the directional copuler
>>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>>Cc: "i2xqz@..." <i2xqz@...>, "tullio mott" <tulliomott@...>
>>Date: Wednesday, September 19, 2012, 1:10 AM
>>
>>
>>
>>
>>

>>Sorry for the late reply on this request.
>>
>>The following information is listed in the Service Manual for the RAT100:
>>
>>R15 - Transworld Part Number 124101 - Resistor, Film 1/4 W 5% 100 Ohm
>>C20 - Transworld Part Number 261250 - Capacitor, Trimmer 1-25 pF
>>D6 - Transworld Part Number 320003 - Diode, 1N34A
>>
>>I hope this helps you.
>>
>>
>>Alex
>>K2AJR
>>
>>From: i2xqz <i2xqz@...>
>>>To: transworld_radio@yahoogroups.com
>>>Sent: Tuesday, September 11, 2012 3:11 PM
>>>Subject: [transworld_radio] RAT100 Failure of the directional copuler
>>>
>>>
>>>
>>>Hi, I bought a failed RAT100. I made some check and I found a failure into the RAT100-DETECT module (WO 989076 Rev J). Probably excessive power damaged the following components (they are burned out!):
>>>1 - R15 Resistor near TP2 and TP4. Resistor burned up and it's impossible to read the color bands.
>>>2 -C20 small adjustable capacitor (yellow Color) near C14 and the soldered junction of the two coaxial cables. Capacitor burned up.
>>>3 - D6 diode of the directional coupler near R17 trimmer. Diode shorted. Look like a germanium diode: bigger than a 1N4148 with a green ban on it.
>>>
>>>Can somebody help me in identifying these components or can provide or sell me a service manual of the RAT100
>>>
>>>
>>>
>>>
>>
>>
>
>
>

901. Re: [transworld_radio] RAT7000 on generic transceiver

Yahoo group: transworld_radio
Date: 2012-12-08 00:43:56 UTC
From: Alex J Rokowetz
Topic: 896 Message: 901
Attachments: 1 described; binary payloads are missing from this source WARC

Felipe,

The English version of the RAT7000 manual is attached.

73,

Alex
K2AJR

From: PY1NB - Felipe Ceglia <felipeceglia2@...>
>To: transworld_radio@yahoogroups.com
>Sent: Wednesday, November 28, 2012 5:55 AM
>Subject: Re: [transworld_radio] RAT7000 on generic transceiver
>
>
>Hi Alex,
>
>Thank you for the file. It would be good if you could send me the english version as well.
>
>Thanks,
>
>Felipe Ceglia - PY1NB
>----------
>PR1T team member /// Rio DX Group member /// Araucaria DX Group member
>http://dxwatch.com/ /// http://reversebeacon.net/ /// http://riodxgroup.com/
>
>
>
>
>On Tue, Nov 27, 2012 at 9:41 PM, Alex J Rokowetz <belarok@...> wrote:
>[Attachment(s) from Alex J Rokowetz included below]
>>Felipe,
>>
>>I have never used my RAT7000 with a generic transceiver.
>>
>>Check your inbox. I just sent you a manual for the RAT7000 tuner. I sent you a Spanish language manual. If you really need an English language manual, let me know.
>>
>>Maybe this manual will help you answer the question.
>>
>>AlexK2AJR
>>From: felipe <felipeceglia2@...>
>>>To: transworld_radio@yahoogroups.com
>>>Sent: Sunday, November 25, 2012 6:53 PM

>>>Subject: [transworld_radio] RAT7000 on generic transceiver
>>>
>>>
>>>Hello folks,Would anyone here know how to trigger the RAT7000 to tune with a generic trx?73,Felipe - PY1NBAttachment(s) from Alex J Rokowetz
>>1 of 1 File(s)
>>RAT7000 - Operator Manual - Spanish.pdf
>

903. Re: [transworld_radio] Looking for TW7000 Service Manual

Yahoo group: transworld_radio
Date: 2012-12-31 18:32:57 UTC
From: Alex J Rokowetz
Topic: 902 Message: 903

Ken,

I just emailed youa copy of the requested manual. The file size
is about 17MB, so it may not go through. If you did not receive this
file, please email me directly at k2ajr@... and I will try a
different method to transmit the file.

Alex
K2AJR

>_____
> From: wb0qna2000 <k.gianino@...>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, December 31, 2012 1:17 PM
>Subject: [transworld_radio] Looking for TW7000 Service Manual
>
>
>
>Does anyone have a scanned copy of the TW7000 service manual? I've searched and searched
and can't find as much as a block diagram for the 7000. For a radio approaching 18 years in
production, this seems unusual. I am trying to repair a very early production unit.
Guessing works, but it only gets you so far!
>-Ken
>
>
>
>
>

904. CW on the TW7000

Yahoo group: transworld_radio
Date: 2013-01-01 15:38:31 UTC
From: Charles KY4P EX A22AA S92SS SV0LM S9SS
Topic: 904 Message: 904

TW7000's that I worked with overseas included CW in the mode selections. My TW7000 doesn't. What is required to include the CW mode?

While on TDY in Botswana back in 2006, I made about 2100 CW contacts under the call sign A25/KY4P using a borrowed 500 watt TW7000 based system with a rotable log periodic antenna.

I use my 500 watt TW7000 system as a standby rig.

73,
Charles - KY4P

(Ex A22AA, S92SS, SV0LM, S9SS)

905. Re: CW on the TW7000

Yahoo group: transworld_radio
Date: 2013-01-02 13:38:36 UTC
From: W4AFK
Topic: 904 Message: 905

Hi Charles,

The TW7000 always supports CW. If your radio doesn't have the 500Hz CW filter, it will not show in the display but if you connect a CW key it will work. The radio uses audio generated CW and without the filter it will work just fine but with the wider default voice (or data) filter.

I assume that your radio does not have the "7000CW1" option which means no 500Hz filter, hence no indication. However, CW works just fine.

--- In transworld_radio@yahoogroups.com, "Charles KY4P EX A22AA S92SS SV0LM S9SS" <s9ss160m@...> wrote:
>
>
> TW7000's that I worked with overseas included CW in the mode selections. My TW7000 doesn't. What is required to include the CW mode?
>
> While on TDY in Botswana back in 2006, I made about 2100 CW contacts under the call sign A25/KY4P using a borrowed 500 watt TW7000 based system with a rotable log periodic antenna.
>
> I use my 500 watt TW7000 system as a standby rig.
>
>
> 73,
> Charles - KY4P
>
> (Ex A22AA, S92SS, SV0LM, S9SS)
>

906. TW100 flyaway

Yahoo group: transworld_radio
Date: 2013-01-04 17:03:30 UTC
From: michael_hislop
Topic: 882 Message: 906

Does anyone know where I can find a service manual for the TW100 flyaway?

Thanks,

Mike

907. Re: [transworld_radio] TW100 flyaway

Yahoo group: transworld_radio
Date: 2013-01-04 18:02:30 UTC
From: Alex J Rokowetz
Topic: 882 Message: 907

George uploaded the TW100F tech manual to the files section of this Yahoo group.

Look in the files section, in a folder titled "Docs".

On Fri, Jan 4, 2013 12:03 PM EST michael_hislop wrote:

>
>
>Does anyone know where I can find a service manual for the TW100 flyaway?
>
>Thanks,
>
>Mike
>

908. RE: [transworld_radio] TW100 flyaway

Yahoo group: transworld_radio
Date: 2013-01-04 18:34:30 UTC
From: Hislop, Michael
Topic: 882 Message: 908

Thanks

Michael R. Hislop
Chief Investigator
Humboldt County District Attorney's Office
825 5th Street, 4th Floor
Eureka, CA. 95501
707-268-2590

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Friday, January 04, 2013 10:03 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW100 flyaway

George uploaded the TW100F tech manual to the files section of this Yahoo group.

Look in the files section, in a folder titled "Docs".

On Fri, Jan 4, 2013 12:03 PM EST michael_hislop wrote:

>
>
>Does anyone know where I can find a service manual for the TW100 flyaway?
>
>Thanks,
>
>Mike
>

909. PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-05 23:25:29 UTC
From: railmobile
Topic: 909 Message: 909

Greetings to everyone.
I am new to the hobby of pack radios. Many years ago I carried one while in uniform but they've changed quite a bit from when I carried a PRC 77. I've been learning the ham radio hobby since 2009.

I recently bought a used PRC1099A with the intent of trying mobile HF and some remote hill top HF. It seemed like a good option. I have received the radio and am having some difficulties. I'm hoping I am just doing something wrong but am also looking for advice if the radio sounds like it has problems that I should return. Any help from members with info would be greatly appreciated.
I received a copy of the 1099 manual but there were enough differences from the A version that at first I was struggling with some of the functions and turning some things like the ALE off and trying to clear the memory. (I've never been able to clear the memory in the radio.) I was able to tune the radio up on a wire antenna above my house using the bnc connector. The BITE test failed at the ANT function and would go no further. I made a contact and was told the mic sounded a bit over driven but I expected that report being on the PRC and with the H250 mic.

Today I received my AB-591 adapter and 271 whip. I mounted both and disconnected the bnc coax. I ran through the BITE test and I hear no tone in the hand set on either USB or LSB. I can hear relays clicking in the radio. During the BITE test, the tuner begins to tune on 29.9 with a very short tone and then suddenly tapers to nothing. The tuner cannot tune 29.9 and fails. I hear nothing in the handset but a soft buzz now. I have taken the whip and adapter off and reconnected the bnc antenna. I still hear nothing in the handset. USB and LSB are now dead in the radio. Hooked to my meter, I see no RF out.

I'm curious if I have damaged something in the radio? Should the adapter and whip not have worked fine?
If it matters, I am running the radio off 13 volts DC from a power supply to the two terminals under the radio as I don't yet have a battery for the radio.

Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.

Scott Parker
KD0HRM

910. Re: [transworld_radio] PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-05 23:45:44 UTC
From: Alex J Rokowetz
Topic: 909 Message: 910

Scott,
The PRC1099 and PRC1099A are both good options for lots of reasons. I have both of them and think they are better than other manpacks for many reasons.
Running the bite test with the AB591/AT271 should not have caused you any problems... nor should running it off of a 13V power supply.
However, tuning a wire antenna through the BNC connector doesnt sound like a good idea to me. The 1099 or 1099A will not tune through the BNC connector. I honestly do not know if initiating a tune cycle with no antenna installed would damage the rig.
As far as receving reports that your mic is overdriven.... I have always received excellent reports with my 1099 either with the M-80 mic or H-250 handset.
I sent a service manual for the 1099A to your email address. Check your inbox and let me know if you received it. Some other group members may be able to give better help than I.

Alex
K2AJR

>_____
> From: railmobile <railmobile@...>
>To: transworld_radio@yahoogroups.com
>Sent: Saturday, January 5, 2013 6:25 PM
>Subject: [transworld_radio] PRC 1099A issues
>
>
>
>
>Greetings to everyone.
>I am new to the hobby of pack radios. Many years ago I carried one while in uniform but they've changed quite a bit from when I carried a PRC 77. I've been learning the ham radio hobby since 2009.
>
>I recently bought a used PRC1099A with the intent of trying mobile HF and some remote hill top HF. It seemed like a good option. I have received the radio and am having some difficulties. I'm hoping I am just doing something wrong but am also looking for advice if the radio sounds like it has problems that I should return. Any help from members with info would be greatly appreciated.
>I received a copy of the 1099 manual but there were enough differences from the A version that at first I was struggling with some of the functions and turning some things like the ALE off and trying to clear the memory. (I've never been able to clear the memory in the radio.) I was able to tune the radio up on a wire antenna above my house using the bnc connector. The BITE test failed at the ANT function and would go no further. I made a contact and was told the mic sounded a bit over driven but I expected that report being on the PRC and with the H250 mic.
>
>Today I received my AB-591 adapter and 271 whip. I mounted both and disconnected the bnc coax. I ran through the BITE test and I hear no tone in the hand set on either USB or LSB.

I can hear relays clicking in the radio. During the BITE test, the tuner begins to tune on 29.9 with a very short tone and then suddenly tapers to nothing. The tuner cannot tune 29.9 and fails. I hear nothing in the handset but a soft buzz now. I have taken the whip and adapter off and reconnected the bnc antenna. I still hear nothing in the handset. USB and LSB are now dead in the radio. Hooked to my meter, I see no RF out.
>
>I'm curious if I have damaged something in the radio? Should the adapter and whip not have worked fine?
>If it matters, I am running the radio off 13 volts DC from a power supply to the two terminals under the radio as I don't yet have a battery for the radio.
>
>Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.
>
>Scott Parker
>KD0HRM
>
>
>

911. Re: PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-06 01:39:27 UTC
From: railmobile
Topic: 909 Message: 911

Alex,

Thanks very much for the reply and information.

I should have been more clear on what I meant with tuning on the bnc: I hooked the bnc output to an antenna tuner I have between the bnc and the windom antenna on the tower. With the radio set to low, I whistled into the mic and used the MFJ tuner. The antenna was around 1.2 to start with and the tuner matched that easily. I should have explained that in the first post.

I will take a look at the info you emailed me.
I appreciate it

Scott

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz wrote:
>
> Scott,
> The PRC1099 and PRC1099A are both good options for lots of reasons. I have both of them and think they areÂ better than other manpacks forÂ many reasons.
> Running the bite test with the AB591/AT271 should not have caused you any problems... nor should running it off of a 13V power supply.
> However, tuning a wire antenna through the BNC connector doesnt sound like a good idea to me. The 1099 or 1099A will not tune through the BNC connector. I honestly do not know if initiating a tune cycle with no antenna installed would damage the rig.
> As far as receving reports that your mic is overdriven.... I have always received excellent reports with my 1099 either with the M-80 mic or H-250 handset.
> I sent a service manual for the 1099A to your email address. Check your inbox and let me know if you received it. Some other group members may be able to give better help than I.
> Â
> Alex
> K2AJR
>
>
> >_____
> > From: railmobile
> >To: transworld_radio@yahoogroups.com
> >Sent: Saturday, January 5, 2013 6:25 PM
> >Subject: [transworld_radio] PRC 1099A issues
> >
> >
> >Â
> >
> >Greetings to everyone.
> >I am new to the hobby of pack radios. Many years ago I carried one while in uniform but they've changed quite a bit from when I carried a PRC 77. I've been learning the ham radio

hobby since 2009.
> >
> >I recently bought a used PRC1099A with the intent of trying mobile HF and some remote hill top HF. It seemed like a good option. I have received the radio and am having some difficulties. I'm hoping I am just doing something wrong but am also looking for advice if the radio sounds like it has problems that I should return. Any help from members with info would be greatly appreciated.
> >I received a copy of the 1099 manual but there were enough differences from the A version that at first I was struggling with some of the functions and turning some things like the ALE off and trying to clear the memory. (I've never been able to clear the memory in the radio.) I was able to tune the radio up on a wire antenna above my house using the bnc connector. The BITE test failed at the ANT function and would go no further. I made a contact and was told the mic sounded a bit over driven but I expected that report being on the PRC and with the H250 mic.
> >
> >Today I received my AB-591 adapter and 271 whip. I mounted both and disconnected the bnc coax. I ran through the BITE test and I hear no tone in the hand set on either USB or LSB. I can hear relays clicking in the radio. During the BITE test, the tuner begins to tune on 29.9 with a very short tone and then suddenly tapers to nothing. The tuner cannot tune 29.9 and fails. I hear nothing in the handset but a soft buzz now. I have taken the whip and adapter off and reconnected the bnc antenna. I still hear nothing in the handset. USB and LSB are now dead in the radio. Hooked to my meter, I see no RF out.
> >
> >I'm curious if I have damaged something in the radio? Should the adapter and whip not have worked fine?
> >If it matters, I am running the radio off 13 volts DC from a power supply to the two terminals under the radio as I don't yet have a battery for the radio.
> >
> >Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.
> >
> >Scott Parker
> >KD0HRM
> >
> >
> >
>

912. RE: [transworld_radio] PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-06 01:41:48 UTC
From: D. Emer
Topic: 909 Message: 912

The 1099a needs a long wire adapter for wire antennas. It's a 500 pf cap as I remember, so I assume that may be the ant Bite problem
You'll only see RF on a meter when whistling in the mic as its SSB.
Put a 50 ohm dummy load on it and try the bite test again.
The mil radios sound weird to hams so I wouldn't start worrying about that at this point. But I'll admit H250's have been a problem as some have been scrapped for audio problems and wind up on ebay.try several before settling on one. An H139 sounds better according to ears better than mine.
The antenna mount has a jack in it to disconnect the BNC and switch it over to the antenna mount. Has that mount switch malfunctioned or did the adapter push it in too far? Some PRC 77 adapters (swivel type) are too long for that mount.

Can you tune the antenna on other freqs <29 MHz?
Dud
KK7IF

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of railmobile
Sent: Saturday, January 05, 2013 3:25 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] PRC 1099A issues

Greetings to everyone.
I am new to the hobby of pack radios. Many years ago I carried one while in uniform but they've changed quite a bit from when I carried a PRC 77. I've been learning the ham radio hobby since 2009.

I recently bought a used PRC1099A with the intent of trying mobile HF and some remote hill top HF. It seemed like a good option. I have received the radio and am having some difficulties. I'm hoping I am just doing something wrong but am also looking for advice if the radio sounds like it has problems that I should return. Any help from members with info would be greatly appreciated.
I received a copy of the 1099 manual but there were enough differences from the A version that at first I was struggling with some of the functions and turning some things like the ALE off and trying to clear the memory. (I've never been able to clear the memory in the radio.) I was able to tune the radio up on a wire antenna above my house using the bnc connector. The BITE test failed at the ANT function and would go no further. I made a contact and was told the mic sounded a bit over driven but I expected that report being on the PRC and with the H250 mic.

Today I received my AB-591 adapter and 271 whip. I mounted both and disconnected the bnc coax. I ran through the BITE test and I hear no tone in the hand set on either USB or LSB. I can hear relays clicking in the radio.

During the BITE test, the tuner begins to tune on 29.9 with a very short tone and then suddenly tapers to nothing. The tuner cannot tune 29.9 and fails. I hear nothing in the handset but a soft buzz now. I have taken the whip and adapter off and reconnected the bnc antenna. I still hear nothing in the handset. USB and LSB are now dead in the radio. Hooked to my meter, I see no RF out.

I'm curious if I have damaged something in the radio? Should the adapter and whip not have worked fine?
If it matters, I am running the radio off 13 volts DC from a power supply to the two terminals under the radio as I don't yet have a battery for the radio.

Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.

Scott Parker
KD0HRM

913. Re: [transworld_radio] PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-06 02:12:18 UTC
From: Alex J Rokowetz
Topic: 909 Message: 913
Attachments: 1 described; binary payloads are missing from this source WARC

Small points of clarification... The PRC1099A does not need the long wire adapter (LWA) for all wire antennas, only for the longer ones. I use the PRC1099A all the time with shorter length wire antennas by slipping the wire under the AB591 base. For example, I join the Moose & Squirrel net often on 5.357 MHz USB with random wire lengths about 30 -40 feet with the antenna slipped under the AB-591 base. This method was recommended to me by Datron and is also documented in the PRC1099A operating manual, section 3.5.C. It works well with shorter wire antennas. Longer wire antenna do indeed require the LWA or a match may not be found.

Also, it's a 50pF capacitor not a 500 pF capactor. It's the same capacitor that's distributed with the TW100 flyaway radio. See attached photo.

Alex
K2AJR

>_____
> From: D. Emer <dfemer@...>
>To: transworld_radio@...m
>Sent: Saturday, January 5, 2013 8:41 PM
>Subject: RE: [transworld_radio] PRC 1099A issues
>
>
>
>
>The 1099a needs a long wire adapter for wire antennas. It’s a 500 pf cap as I remember, so I assume that may be the ant Bite problem
>You’ll only see RF on a meter when whistling in the mic as its SSB.
>Put a 50 ohm dummy load on it and try the bite test again.
>The mil radios sound weird to hams so I wouldn’t start worrying about that at this point. But I’ll admit H250’s have been a problem as some have been scrapped for audio problems and wind up on ebay…try several before settling on one. An H139 sounds better according to ears better than mine.
>The antenna mount has a jack in it to disconnect the BNC and switch it over to the antenna mount. Has that mount switch malfunctioned or did the adapter push it in too far? Some PRC 77 adapters (swivel type) are too long for that mount.
>
>Can you tune the antenna on other freqs <29 MHz?
>Dud
>KK7IF
>
>
>From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of railmobile
>Sent: Saturday, January 05, 2013 3:25 PM
>To: transworld_radio@yahoogroups.com

>Subject: [transworld_radio] PRC 1099A issues
>
>
>Greetings to everyone.
>I am new to the hobby of pack radios. Many years ago I carried one while in uniform but they've changed quite a bit from when I carried a PRC 77. I've been learning the ham radio hobby since 2009.
>
>I recently bought a used PRC1099A with the intent of trying mobile HF and some remote hill top HF. It seemed like a good option. I have received the radio and am having some difficulties. I'm hoping I am just doing something wrong but am also looking for advice if the radio sounds like it has problems that I should return. Any help from members with info would be greatly appreciated.
>I received a copy of the 1099 manual but there were enough differences from the A version that at first I was struggling with some of the functions and turning some things like the ALE off and trying to clear the memory. (I've never been able to clear the memory in the radio.) I was able to tune the radio up on a wire antenna above my house using the bnc connector. The BITE test failed at the ANT function and would go no further. I made a contact and was told the mic sounded a bit over driven but I expected that report being on the PRC and with the H250 mic.
>
>Today I received my AB-591 adapter and 271 whip. I mounted both and disconnected the bnc coax. I ran through the BITE test and I hear no tone in the hand set on either USB or LSB. I can hear relays clicking in the radio. During the BITE test, the tuner begins to tune on 29.9 with a very short tone and then suddenly tapers to nothing. The tuner cannot tune 29.9 and fails. I hear nothing in the handset but a soft buzz now. I have taken the whip and adapter off and reconnected the bnc antenna. I still hear nothing in the handset. USB and LSB are now dead in the radio. Hooked to my meter, I see no RF out.
>
>I'm curious if I have damaged something in the radio? Should the adapter and whip not have worked fine?
>If it matters, I am running the radio off 13 volts DC from a power supply to the two terminals under the radio as I don't yet have a battery for the radio.
>
>Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.
>
>Scott Parker
>KD0HRM
>

914. Re: PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-06 09:01:21 UTC
From: railmobile
Topic: 909 Message: 914

Dud, Alex,

I had the wire antenna hooked up with coax to the bnc when I was running the wire before the 591 adapter arrived.

Dud, I believe that the switch inside could very well be the problem but just don't have any knowledge of what it looks like or how to check that at this point. I will have to look through the manual Alex sent. It makes sense though that perhaps that switch is not allowing either antenna route at this point and therefore I am not hearing/ putting out RF or completing a BITE test.

The tuner runs during the BITE test and it fails on the first freq it tries at 29.9 and stops. I can hear either a relay or mechanical click just before the 591 adapter bottoms out agains the mount so I don't think it's too long.

I like the idea of the shorter wires put under the adapter allowing the internal tuner to match them. Do you simply put an eye crimped on the end of the wire to allow nice even pressure and good contact with the mount Alex?

Scott
KD0HRM

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz wrote:
>
> Small points of clarification... The PRC1099A does not need the long wire adapter (LWA)Â for all wire antennas, only for theÂ longer ones.Â I use the PRC1099A all the time with shorter length wire antennasÂ by slipping the wire under the AB591 base. For example, I join the Moose & Squirrel net often on 5.357 MHz USB with random wire lengths about 30 -40 feet with the antenna slipped under the AB-591 base.Â Â This method was recommended to me by Datron and is also documented in the PRC1099A operating manual, section 3.5.C.Â It worksÂ well with shorter wire antennas.Â Longer wire antenna do indeed require the LWA or a match may not be found.Â
> Â
> Also, it's a 50pF capacitor not a 500 pF capactor.Â It's the same capacitor that's distributed with the TW100 flyaway radio.Â See attached photo.
>
> Alex
> K2AJR
>
>
> >_____
> > From: D. Emer
> >To: transworld_radio@yahoogroups.com
> >Sent: Saturday, January 5, 2013 8:41 PM
> >Subject: RE: [transworld_radio] PRC 1099A issues
> >
> >
> >Â

> >
> >The 1099a needs a long wire adapter for wire antennas. Itâ□□s a 500 pf cap as I remember, so I assume that may be the ant Bite problem
> >Youâ□□ll only see RF on a meter when whistling in the mic as its SSB.
> >Put a 50 ohm dummy load on it and try the bite test again.
> >The mil radios sound weird to hams so I wouldnâ□□t start worrying about that at this point. But Iâ□□ll admit H250â□□s have been a problem as some have been scrapped for audio problems and wind up on ebayâ□¦try several before settling on one.Â An H139 sounds better according to ears better than mine.
> >The antenna mount has a jack in it to disconnect the Â BNC and switch it over to the antenna mount.Â Has that mount switch malfunctioned or did the adapter push it in too far? Some PRC 77 adapters (swivel type) are too long for that mount.
> >Â
> >Can you tune the antenna on other freqs <29 MHz?
> >Dud
> >KK7IF
> >Â
> >Â
> >From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of railmobile
> >Sent: Saturday, January 05, 2013 3:25 PM
> >To: transworld_radio@yahoogroups.com
> >Subject: [transworld_radio] PRC 1099A issues
> >Â
> >Â
> >Greetings to everyone.
> >I am new to the hobby of pack radios. Many years ago I carried one while in uniform but they've changed quite a bit from when I carried a PRC 77. I've been learning the ham radio hobby since 2009.
> >
> >I recently bought a used PRC1099A with the intent of trying mobile HF and some remote hill top HF. It seemed like a good option. I have received the radio and am having some difficulties. I'm hoping I am just doing something wrong but am also looking for advice if the radio sounds like it has problems that I should return. Any help from members with info would be greatly appreciated.
> >I received a copy of the 1099 manual but there were enough differences from the A version that at first I was struggling with some of the functions and turning some things like the ALE off and trying to clear the memory. (I've never been able to clear the memory in the radio.) I was able to tune the radio up on a wire antenna above my house using the bnc connector. The BITE test failed at the ANT function and would go no further. I made a contact and was told the mic sounded a bit over driven but I expected that report being on the PRC and with the H250 mic.
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> >
> >I'm curious if I have damaged something in the radio? Should the adapter and whip not have worked fine?
> >If it matters, I am running the radio off 13 volts DC from a power supply to the two terminals under the radio as I don't yet have a battery for the radio.
> >
> >Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.

> >
> >Scott Parker
> >KD0HRM
> >
>

915. Re: [transworld_radio] Re: PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-06 14:08:56 UTC
From: Alex J Rokowetz
Topic: 909 Message: 915
Attachments: 1 described; binary payloads are missing from this source WARC

Scott,

That's correct. I often use the elements of my tactical dipole with one element as an end fed wire, and the other element as a counterpoise. These antenna elements have a fork terminal that is a snug fit to the threaded post on top of the LWA (see attached photo). I simply slip that terminal under the AB-591. The diameter of the AB-591 base is much larger than the terminal so that the terminal does not reach the threaded post at the bottom of the AB591 base. It just sits at the edge of the base. Nevertheless it works fine for me.

I also have some wire antennas with large diameter ring terminals, large enough to fully fit under the AB-591. I do not use those so often as I usually take the tactical dipole with me and use it as a dipole or end fed as site conditions dictate.

Alex
K2AJR

>_____
> From: railmobile <railmobile@...>
>To: transworld_radio@yahoogroups.com
>Sent: Sunday, January 6, 2013 4:01 AM
>Subject: [transworld_radio] Re: PRC 1099A issues
>
>
>
>
>Dud, Alex,
>
>I had the wire antenna hooked up with coax to the bnc when I was running the wire before the 591 adapter arrived.
>
>Dud, I believe that the switch inside could very well be the problem but just don't have any knowledge of what it looks like or how to check that at this point. I will have to look through the manual Alex sent. It makes sense though that perhaps that switch is not allowing either antenna route at this point and therefore I am not hearing/ putting out RF or completing a BITE test.
>
>The tuner runs during the BITE test and it fails on the first freq it tries at 29.9 and stops. I can hear either a relay or mechanical click just before the 591 adapter bottoms out agains the mount so I don't think it's too long.
>
>I like the idea of the shorter wires put under the adapter allowing the internal tuner to match them. Do you simply put an eye crimped on the end of the wire to allow nice even pressure and good contact with the mount Alex?
>
>Scott

>KD0HRM
>
>--- In mailto:transworld_radio%40yahoogroups.com, Alex J Rokowetz wrote:
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>> >Subject: RE: [transworld_radio] PRC 1099A issues
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>> >
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>> >
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>> >Sent: Saturday, January 05, 2013 3:25 PM
>> >To: mailto:transworld_radio%40yahoogroups.com

>> >Subject: [transworld_radio] PRC 1099A issues
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>> >Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.
>> >
>> >Scott Parker
>> >KD0HRM
>> >
>>
>
>
>

916. Re: PRC 1099A issues

Yahoo group: transworld_radio
Date: 2013-01-06 16:27:01 UTC
From: railmobile
Topic: 909 Message: 916

Alex,

Cool. If I get this radio going I will have to try that.

Scott

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz wrote:
>
> Scott,
> Â
> That's correct.Â Â I often use the elements of my tactical dipole with one element as an end fed wire, and the other element as a counterpoise.Â These antenna elementsÂ have a fork terminal that is a snug fit to the threaded post on top of the LWA (see attached photo).Â I simply slip that terminal under the AB-591.Â The diameter of the AB-591 base is much larger than the terminal so that the terminal does not reachÂ the threaded post at the bottom of the AB591 base.Â It just sits atÂ the edge of the base.Â Nevertheless it works fine for me.
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> I also have some wire antennas with large diameter ring terminals, large enough to fully fit under the AB-591.Â I do not use those so often as I usually take the tactical dipole with me and use it as a dipole or end fed as site conditions dictate.
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> Alex
> K2AJR
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> >_____
> > From: railmobile
> >To: transworld_radio@yahoogroups.com
> >Sent: Sunday, January 6, 2013 4:01 AM
> >Subject: [transworld_radio] Re: PRC 1099A issues
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> >> Also, it's a 50pF capacitor not a 500 pF capactor.Ã□Â It's the same capacitor that's distributed with the TW100 flyaway radio.Ã□Â See attached photo.
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> >> Alex
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> >> >_____
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> >> >To: mailto:transworld_radio%40yahoogroups.com
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> >> >Ã□Â
> >> >Can you tune the antenna on other freqs <29 MHz?
> >> >Dud
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> >> >Ã□Â
> >> >Ã□Â

> >> >From:mailto:transworld_radio%40yahoogroups.com [mailto:mailto:transworld_radio%40yahoogroups.com] On Behalf Of railmobile
> >> >Sent: Saturday, January 05, 2013 3:25 PM
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> >> >Thanks for any help or advice in the right direction. I'm posting in both the PACK group and Transworld group.
> >> >
> >> >Scott Parker
> >> >KD0HRM
> >> >
> >>
> >
> >
> >
>

917. Another one needing a Manual for the RT100MP

Yahoo group: transworld_radio
Date: 2013-01-14 20:25:03 UTC
From: Nazario C
Topic: 917 Message: 917

Hi everyone, I have a RT100MP sitting for a couple of years in my shack and have decided to fire it up, however I don't want to do it without checking the manual which I don't have.

I tried following the Links section up to the Mediafire website but the manual is no longer there. Could someone pls, give me info on where I could possibly download it?

Regards,
Jun DU9HUA

918. Re: [transworld_radio] Another one needing a Manual for the RT100MP

Yahoo group: transworld_radio
Date: 2013-01-14 20:43:23 UTC
From: Alex J Rokowetz
Topic: 917 Message: 918

Jun,

I have sent the condensed operator manual to your IBM email address. I will send the regular operator manual and the service/technical manual later today.

Alex
K2AJR

>_____
> From: Nazario C <culanag@...>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, January 14, 2013 3:25 PM
>Subject: [transworld_radio] Another one needing a Manual for the RT100MP
>
>Hi everyone, I have a RT100MP sitting for a couple of years in my shack and have decided to fire it up, however I don't want to do it without checking the manual which I don't have.
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>Regards,
>Jun DU9HUA
>
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>
>Yahoo! Groups Links
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919. Re: [transworld_radio] Another one needing a Manual for the RT100MP

Yahoo group: transworld_radio
Date: 2013-01-14 21:22:11 UTC
From: Alex J Rokowetz
Topic: 917 Message: 919

Jun,

I received a Delivery Failure Notice after sending you the manual. To what email address should I send the documents?

Alex
K2AJR

----- Forwarded Message -----

Your message

  Subject: RT100 Condensed Operator Manual

was not delivered to:

  culanag@...

because:

  User culanag (culanag@...) not listed in Domino Directory

>_____
> From: Nazario C <culanag@...>
>To: transworld_radio@yahoogroups.com
>Sent: Monday, January 14, 2013 3:25 PM
>Subject: [transworld_radio] Another one needing a Manual for the RT100MP
>
>Hi everyone, I have a RT100MP sitting for a couple of years in my shack and have decided to fire it up, however I don't want to do it without checking the manual which I don't have.
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>Regards,
>Jun DU9HUA
>
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>Yahoo! Groups Links
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920. Re: Another one needing a Manual for the RT100MP

Yahoo group: transworld_radio
Date: 2013-01-15 06:43:12 UTC
From: Nazario C
Topic: 917 Message: 920

Hi Alex,

Thanks for the quick reply and action there. I have retired from IBM so I changed my email address to DU1QZC@.... Sorry I have not updated my profile here but will do it once I send this reply. Thanks a lot in advance.

73,
Jun (DU9HUA now)

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz wrote:
>
> Jun,
>
> I received a Delivery Failure Notice after sending you the manual. To what email address should I send the documents?
>
> Alex
> K2AJR
>
> ----- Forwarded Message -----
>
> Your message
>
> Subject: RT100 Condensed Operator Manual
>
> was not delivered to:
>
> culanag@...
>
> because:
>
> User culanag (culanag@...) not listed in Domino Directory
>
>
>
>
> >_____
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> >Yahoo! Groups Links
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921. Re: [transworld_radio] Re: Another one needing a Manual for the RT100MP

Yahoo group: transworld_radio
Date: 2013-01-15 10:41:33 UTC
From: Alex J Rokowetz
Topic: 917 Message: 921

Jun,

I have sent three emails to the furnished emaill address. Two emails were sent directly from my email adress. One email was sent via Adobe's "Send Now" feature due to the very large file size. Kindly confirm receipt of these emails.

Alex
K2AJR

>_____
> From: Nazario C <culanag@...>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, January 15, 2013 1:43 AM
>Subject: [transworld_radio] Re: Another one needing a Manual for the RT100MP
>
>
>
>
>Hi Alex,
>
>Thanks for the quick reply and action there. I have retired from IBM so I changed my email address to mailto:DU1QZC%40yahoo.com. Sorry I have not updated my profile here but will do it once I send this reply. Thanks a lot in advance.
>
>73,
>Jun (DU9HUA now)
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>--- In mailto:transworld_radio%40yahoogroups.com, Alex J Rokowetz wrote:
>>
>> Jun,
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>> I received a Delivery Failure Notice after sending you the manual. To what email address should I send the documents?
>>
>> Alex
>> K2AJR
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>> ----- Forwarded Message -----
>>
>> Your message
>>
>>   Subject: RT100 Condensed Operator Manual
>>
>> was not delivered to:
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>>   culanag@...

>>
>> because:
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>> User culanag (culanag@...) not listed in Domino Directory
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>> >Yahoo! Groups Links
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922. Re: Another one needing a Manual for the RT100MP

Yahoo group: transworld_radio
Date: 2013-01-15 13:45:05 UTC
From: Nazario C
Topic: 917 Message: 922

Hi Alex,

Thanks a lot, I have received all three emails and have downloaded the 3 files and the one from Adobe Sendnow is still in progress and as of this time its already 15% complete.

I really appreciate this Alex.

73,
DU9HUA

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz wrote:
>
> Jun,
> Â
> I have sent three emails to the furnished emaill address.Â Two emails were sent directly from my email adress.Â One email was sent via Adobe's "Send Now" feature due to the very large file size.Â Kindly confirm receipt of these emails.
>
> Alex
> K2AJR
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> >_____
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> >Subject: [transworld_radio] Re: Another one needing a Manual for the RT100MP
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> >Hi Alex,
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> >> Alex
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> >>
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> >> Â Subject: RT100 Condensed Operator Manual
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> >>
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> >>
> >> because:
> >>
> >> Â User culanag (culanag@) not listed in Domino Directory
> >>
> >>
> >>
> >>
> >> >_____
> >> > From: Nazario C
> >> >To: mailto:transworld_radio%40yahoogroups.com
> >> >Sent: Monday, January 14, 2013 3:25 PM
> >> >Subject: [transworld_radio] Another one needing a Manual for the RT100MP
> >> >
> >> >Hi everyone, I have a RT100MP sitting for a couple of years in my shack and have decided to fire it up, however I don't want to do it without checking the manual which I don't have.
> >> >
> >> >I tried following the Links section up to the Mediafire website but the manual is no longer there. Could someone pls, give me info on where I could possibly download it?
> >> >
> >> >Regards,
> >> >Jun DU9HUA
> >> >
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> >> >Yahoo! Groups Links
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923. Fading Display on RT100MP

Yahoo group: transworld_radio
Date: 2013-01-17 22:30:02 UTC
From: Nazario C
Topic: 923 Message: 923

Hi to all, has anyone encountered an RT100MP in which when you power on the display comes out but slowly fades out until you press any of the up/down or SC buttons but slowly fades out again. Since I have an extra display unit, I changed it but still the symptom is the same.

I have not yet have a chance to check on the M10 board yet, I will update the group once I have done it.

Regards,
Jun

924. Re: [transworld_radio] Fading Display on RT100MP

Yahoo group: transworld_radio
Date: 2013-01-17 22:38:43 UTC
From: Alex J Rokowetz
Topic: 923 Message: 924

Jun,

I spoke with Datron some time ago about a dim display on the RT100. They said that the display can become dimmer over time. To rectify this he said that R91 resistor on the M9RC board can be replaced. It can be replaced with a resistor of the same value or another value. The R91 resistor is located on the M9RC board close to the J5 connector (coax connector).

Group members,

Does anyone else in this group know about this?

Alex
K2AJR

>_____
> From: Nazario C <du1qzc@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, January 17, 2013 5:30 PM
>Subject: [transworld_radio] Fading Display on RT100MP
>
>
>
>
>Hi to all, has anyone encountered an RT100MP in which when you power on the display comes out but slowly fades out until you press any of the up/down or SC buttons but slowly fades out again. Since I have an extra display unit, I changed it but still the symptom is the same.
>
>I have not yet have a chance to check on the M10 board yet, I will update the group once I have done it.
>
>Regards,
>Jun
>
>
>

927. FTDX-5000 and TW1000 Amp Question

Yahoo group: transworld_radio
Date: 2013-02-12 01:27:57 UTC
From: Dick
Topic: 927 Message: 927

Has anyone interfaced the TW1000 with a commercial rig such as the YAESU FTDX-5000 ??

If so, I would like to know how you did it.

Tnx, Dick, W1KSZ

928. New to group

Yahoo group: transworld_radio
Date: 2013-04-25 17:02:43 UTC
From: g1jwg
Topic: 928 Message: 928

Hi
I've just join the group. My main interest is Racal Radios but I know that Racal had a collaboration with Transworld. In particular the RT100MP which Racal rebadged and sold as a VRM4554. I wonder if anyone has any more information on this collaboration and if any other radios or Transworld kit was rebadged to Racal.

Regards
Dave

929. Re: [transworld_radio] New to group

Yahoo group: transworld_radio
Date: 2013-04-25 17:32:46 UTC
From: Alex J Rokowetz
Topic: 928 Message: 929

Dave,

This topic is quite coincidental to a conversation I had this week with DL7UK. I am not sure if you have seen these links which were forwarded to me by DL7UK:

VRM-4554 HF SET REBADGED TRANS WORLD RT100/MP

http://85.92.85.233/forum/forum/showthread.php?p=188486&styleid=2&styleid=2&styleid=2
Also coincidental to this topic... Mike Murphy had this EXACT same version of this RT100 for sale yesterday. It was only up on his website for a matter of hours and then it disappeared. I presume it was sold.

Although this radio looks very similar to the standard RT100 many of know and love, there are some slight cosmetic differences, tuning knobs vs. toggle switches, different keypad, and the placement of toggle switches on the front faceplate.

I should also mention the Mike Murphy also had the auto tuner and remote control heads for this radio available for sale at his website. I don't see them now, maybe he sold them.
http://www.murphyjunk.bizland.com/

Alex
K2AJR

>_____
> From: g1jwg <g1jwg@...>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, April 25, 2013 1:02 PM
>Subject: [transworld_radio] New to group
>
>
>
>
>Hi
>I've just join the group. My main interest is Racal Radios but I know that Racal had a collaboration with Transworld. In particular the RT100MP which Racal rebadged and sold as a VRM4554. I wonder if anyone has any more information on this collaboration and if any other radios or Transworld kit was rebadged to Racal.
>
>Regards
>Dave
>
>
>
>
>

930. RT-100/MP

Yahoo group: transworld_radio
Date: 2013-04-26 19:44:56 UTC
From: Norman
Topic: 930 Message: 930

Hi,
I am new to the group and have ordered the Transworld RT-100/MP.
Is this the same radio as the TW-100 in a military package? I have not received the radio but will soon. I have downloaded the TW-100 manual from the files section.
Thanks and 73, WB4VYQ

931. Re: [transworld_radio] RT-100/MP

Yahoo group: transworld_radio
Date: 2013-04-26 19:50:35 UTC
From: Dennis
Topic: 930 Message: 931

Essentially, yes, the RT-100 is the same radio as the TW-100.
Actually the TW-100 is a bit for versatile as most have built in AC supplies. All modules interchange.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: Norman <wb4vyq@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, April 26, 2013 2:44 PM
>Subject: [transworld_radio] RT-100/MP
>
>
>Hi,
>I am new to the group and have ordered the Transworld RT-100/MP.
>Is this the same radio as the TW-100 in a military package? I have not received the radio but will soon. I have downloaded the TW-100 manual from the files section.
>Thanks and 73, WB4VYQ
>
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>Yahoo! Groups Links
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932. RE: [transworld_radio] RT-100/MP

Yahoo group: transworld_radio
Date: 2013-04-26 19:50:57 UTC
From: D. Emer
Topic: 930 Message: 932

Yep, an a whole lot more desirable.

Dud

KK7IF

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com] On Behalf Of Norman
Sent: Friday, April 26, 2013 12:45 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] RT-100/MP

Hi,
I am new to the group and have ordered the Transworld RT-100/MP.
Is this the same radio as the TW-100 in a military package? I have not
received the radio but will soon. I have downloaded the TW-100 manual from
the files section.
Thanks and 73, WB4VYQ

933. Re: [transworld_radio] RT-100/MP

Yahoo group: transworld_radio
Date: 2013-04-26 20:03:06 UTC
From: Alex J Rokowetz
Topic: 930 Message: 933

Norman,

Yes it is the same but as another poster said, very desirable (some would say more desirable than the TW100) for several reasons besides being green:
* Most RT100 radios come standard with the noiseblanker and transadapt modules not so with the TW100.
* Most RT100 radios have the ARQ board installed for memory tuning. I am not sure if that is so with the TW100.
* Most RT100 radios have the M9RC board installed for remote control capabilitiesnot so with the TW100.
* The RT100 radios have a high power / low power switch whereas the TW100 is high power only.
I noticed the tuner also disappeared from the website, did you get that too?

I should also point out the Murphy has the remote heads for this radio. IF you have the M9RC board installed in your radio, you may want to get the remote head from Murphy.

When you get your radio, please let us know what features are installed.

Alex

>_____
> From: Norman <wb4vyq@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, April 26, 2013 3:44 PM
>Subject: [transworld_radio] RT-100/MP
>
>
>
>
>Hi,
>I am new to the group and have ordered the Transworld RT-100/MP.
>Is this the same radio as the TW-100 in a military package? I have not received the radio but will soon. I have downloaded the TW-100 manual from the files section.
>Thanks and 73, WB4VYQ
>
>
>
>
>

934. Re: RT-100/MP

Yahoo group: transworld_radio
Date: 2013-04-28 18:27:34 UTC
From: Norman
Topic: 930 Message: 934

Alex & everyone,
Thanks for the helpful replies. I did get the RAT100 coupler as well. I should have the equipment by the end of this week. I'm looking forward to operating the rig.
Thanks, Norman

--- In transworld_radio@yahoogroups.com, Alex J Rokowetz <belarok@...> wrote:
>
> Norman,
>
> Yes it is the same but as another poster said, very desirable (some would say more desirable than the TW100) for several reasons besides being green:
> * Most RT100 radios come standard with the noiseblanker and transadapt modules not so with the TW100.
> * Most RT100 radios have the ARQ board installed for memory tuning. Â I am not sure if that is so with the TW100.
> * Most RT100 radios have the M9RC board installed for remote control capabilitiesnot so with the TW100.
> * The RT100 radios have a high power / low power switch whereas the TW100 is high power only.
> I noticed the tuner also disappeared from the website, did you get that too?
>
> I should also point out the Murphy has the remote heads for this radio.Â IF you have the M9RC board installed in your radio, you may want to get the remote head from Murphy.
>
> When you get your radio, please let us know what features are installed.
>
>
> Alex
>
>
>
> >_____
> > From: Norman <wb4vyq@...>
> >To: transworld_radio@yahoogroups.com
> >Sent: Friday, April 26, 2013 3:44 PM
> >Subject: [transworld_radio] RT-100/MP
> >
> >
> >
> >Â
> >Hi,
> >I am new to the group and have ordered the Transworld RT-100/MP.
> >Is this the same radio as the TW-100 in a military package? I have not received the radio but will soon. I have downloaded the TW-100 manual from the files section.
> >Thanks and 73, WB4VYQ

> >
> >
> >
> >
> >
>

935. TW100 or RT100 wanted

Yahoo group: transworld_radio
Date: 2013-04-29 18:21:41 UTC
From: Dennis
Topic: 935 Message: 935

I need a TW-100 or RT-100(preferred). Must be fully operational, have NOISE BLANKER, and 12vdc operable.

Must be in hand in time for mounting in an M886 & the trip to Dayton.

Please let me know what you have OFF LIST.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

936. Re: [transworld_radio] TW100 or RT100 wanted

Yahoo group: transworld_radio
Date: 2013-04-29 18:38:53 UTC
From: bc375@comcast.net
Topic: 935 Message: 936

Dennis call Transworld and see if they have a NB in a parts car. They gave it to me cause they don' t sell used parts.
Charlie

Sent from my Verizon Wireless 4G LTE DROID

Dennis <spike.dennis@yahoo.com> wrote:

>I need a TW-100 or RT-100(preferred). Must be fully operational, have NOISE BLANKER, and 12vdc operable.
>
>Must be in hand in time for mounting in an M886 & the trip to Dayton.
>
>Please let me know what you have OFF LIST.
>
>
>Dennis Starks
>Military-Radio-Guy
>KBØSFP
>HFpack/Milpack Monitor(all USB):
>3996, 5357, 7296, 14342.5, 18157.5

937. RF transistors for TW1000

Yahoo group: transworld_radio
Date: 2013-05-06 09:33:36 UTC
From: Tjerk
Topic: 937 Message: 937

I have been trying to source D310050 final trannies to no avail; any suggestions for suitable replacements?
Tjerk ZS6P
zs6p@...

938. Re: RF transistors for TW1000

Yahoo group: transworld_radio
Date: 2013-05-06 11:59:20 UTC
From: <w4afk@...>
Topic: 937 Message: 938

Let me check when I get to the office. I can get you thea generic part number for the Datron (Transworld) part. Mind you, it's no longer easy to find but it is available out there.

Bruno Haineault, W4AFK

[Local: FLEX-1500 w/modifiedHLA-150 Plus @100W max, MFJ-1786 HF Loop, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HFLoop Antenna (RX), various software packages for data modes & TS-480SAT control head. Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig for remote control]

939. Re: [transworld_radio] RF transistors for TW1000

Yahoo group: transworld_radio
Date: 2013-05-06 13:31:47 UTC
From: Joseph Pinner
Topic: 937 Message: 939

They are SD1487

These folks advertize them.

http://www.enigma-shop.com/index.php?option=com_virtuemart&page=shop.product_details&flypage=flypage.tpl&product_id=282&vmcchk=1&Itemid=30

----- Original Message -----
From: "Tjerk" <zs6p@...>
To: <transworld_radio@yahoogroups.com>
Sent: Monday, May 06, 2013 5:33 AM
Subject: [transworld_radio] RF transistors for TW1000

>I have been trying to source D310050 final trannies to no avail; any
> suggestions for suitable replacements?
> Tjerk ZS6P
> zs6p@...
>
>
> ----------
>
> Yahoo! Groups Links
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>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3272 / Virus Database: 3162/6300 - Release Date: 05/05/13
>

940. Re: [transworld_radio] RF transistors for TW1000

Yahoo group: transworld_radio
Date: 2013-05-06 13:32:41 UTC
From: Joseph Pinner
Topic: 937 Message: 940

Also available on eBay

http://www.ebay.com/itm/SD1487-Manu-ST-Encapsulation-RF-TRANSISTOR-RF-Microwave-Transistors-HF-SSB-/120929081756

----- Original Message -----
From: "Tjerk" <zs6p@...>
To: <transworld_radio@yahoogroups.com>
Sent: Monday, May 06, 2013 5:33 AM
Subject: [transworld_radio] RF transistors for TW1000

>I have been trying to source D310050 final trannies to no avail; any
> suggestions for suitable replacements?
> Tjerk ZS6P
> zs6p@...
>
>
> ----------
>
> Yahoo! Groups Links
>
>
>
>
>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.3272 / Virus Database: 3162/6300 - Release Date: 05/05/13
>

941. Re: RF transistors for TW1000

Yahoo group: transworld_radio
Date: 2013-05-07 01:12:48 UTC
From: <w4afk@...>
Topic: 937 Message: 941

Subs for the Transwrold 310050, 28V RF

. MRF422

. SRF3503P

You can always call Datron's customer service as they might sell you some if they are not allocated to a project.

Bruno Haineault, W4AFK

[Local: FLEX-1500 w/modifiedHLA-150 Plus @100W max, MFJ-1786 HF Loop, Kenwood R-2000 w/Timewave DSP-599zx and TenTec RX-320D sharing a Pixel RF PRO-1B active HFLoop Antenna (RX), various software packages for data modes & TS-480SAT control head. Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig for remote control]

942. RT-100/MP Module M5

Yahoo group: transworld_radio
Date: 2013-05-10 12:24:21 UTC
From: Norman
Topic: 942 Message: 942

Group,

I have an RT-100/MP that is missing the 5.120 crystal & oven in the M5 module. (Referenc oscillator freq) Does anyone know of a source for the crystal?

Thanks, 73 Norman WB4VYQ

943. Wanted: TW100F Flyaway

Yahoo group: transworld_radio
Date: 2013-06-05 13:00:16 UTC
From: arskk1k
Topic: 943 Message: 943

Looking to purchase a TW100F. Please contact me if you have a unit for sale.

944. Re: [transworld_radio] Wanted: TW100F Flyaway

Yahoo group: transworld_radio
Date: 2013-06-06 08:26:09 UTC
From: Ira Moser
Topic: 943 Message: 944

I've got one. A TW100F/AT.

Ira
On Jun 5, 2013 6:03 AM, "arskk1k" <arskk1k@...> wrote:

> **
>
>
> Looking to purchase a TW100F. Please contact me if you have a unit for
> sale.
>
>
>

945. RE: [transworld_radio] Wanted: TW100F Flyaway

Yahoo group: transworld_radio
Date: 2013-06-06 15:40:51 UTC
From: Hislop, Michael
Topic: 943 Message: 945

I also have one, let me know if you are interested.

Michael R. Hislop
Chief Investigator
Humboldt County District Attorney's Office
825 5th Street, 4th Floor
Eureka, CA. 95501
707-268-2590

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Ira Moser
Sent: Thursday, June 06, 2013 1:26 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Wanted: TW100F Flyaway

I've got one. A TW100F/AT.

Ira
On Jun 5, 2013 6:03 AM, "arskk1k" <arskk1k@...<mailto:arskk1k@...>> wrote:

Looking to purchase a TW100F. Please contact me if you have a unit for sale.

947. RT-100/MP

Yahoo group: transworld_radio
Date: 2013-06-15 00:58:26 UTC
From: Norman
Topic: 930 Message: 947

Hi Group,

I have the rt-100mp with little or no transmit output. I do not have the antenna coupler. If the unit does not have the coupler, is there something that has be configured for the RT100 to transmit without the coupler?

THank you and 73, Norman WB4VYQ

948. Re: [transworld_radio] RT-100/MP

Yahoo group: transworld_radio
Date: 2013-06-15 02:51:42 UTC
From: Dennis
Topic: 930 Message: 948

No

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: Norman <wb4vyq@...>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, June 14, 2013 7:58 PM
>Subject: [transworld_radio] RT-100/MP
>
>
>Hi Group,
>
>I have the rt-100mp with little or no transmit output. I do not have the antenna coupler. If the unit does not have the coupler, is there something that has be configured for the RT100 to transmit without the coupler?
>
>THank you and 73, Norman WB4VYQ
>
>
>
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>
>Yahoo! Groups Links
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949. Re: [transworld_radio] RT-100/MP

Yahoo group: transworld_radio
Date: 2013-06-15 12:09:30 UTC
From: Alex J Rokowetz
Topic: 930 Message: 949

Norman,

There is no required configuration. I use my RT100 all the time with a broadband antenna.
Alex
K2AJR

From: Norman <wb4vyq@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, June 14, 2013 5:58 PM
Subject: [transworld_radio] RT-100/MP

Hi Group,

I have the rt-100mp with little or no transmit output. I do not have the antenna coupler. If the unit does not have the coupler, is there something that has be configured for the RT100 to transmit without the coupler?

THank you and 73, Norman WB4VYQ

950. RE: [transworld_radio] RT-100/MP

Yahoo group: transworld_radio
Date: 2013-06-15 12:40:46 UTC
From: Charles Dicecca
Topic: 930 Message: 950

Norman:

With that history one should suspect a partial or complete failure in the PA Amp. Drivers, finals or both.

Charlie KA1GON

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Saturday, June 15, 2013 8:10 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] RT-100/MP

Norman,

There is no required configuration. I use my RT100 all the time with a broadband antenna.

Alex
K2AJR

From: Norman <wb4vyq@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, June 14, 2013 5:58 PM
Subject: [transworld_radio] RT-100/MP

Hi Group,

I have the rt-100mp with little or no transmit output. I do not have the antenna coupler. If the unit does not have the coupler, is there something that has be configured for the RT100 to transmit without the coupler?

THank you and 73, Norman WB4VYQ

951. TW100MP no USB power

Yahoo group: transworld_radio
Date: 2013-06-18 12:32:41 UTC
From: lbd9992001
Topic: 951 Message: 951

I am using a TW100MP. AM and LSB have great power on all frequencies. LSB mode has just a twitch of power on an external dummy load plugged directly into J5 RF output, and the panel meter. ANY ideas where to look for a fix?
Thanks
Duane WA1NRA

952. Re: [transworld_radio] TW100MP no USB power

Yahoo group: transworld_radio
Date: 2013-06-18 12:49:04 UTC
From: Dennis
Topic: 951 Message: 952

>I am using a TW100MP. AM and LSB have great power on all frequencies. LSB mode has just a twitch of power
---
Possible type error. You saying that (USB) has an output problem, but AM & LSB are fine?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

953. Re: TW100MP no USB power

Yahoo group: transworld_radio
Date: 2013-06-18 13:21:48 UTC
From: lbd9992001
Topic: 951 Message: 953

Hi Dennis,
Yes, fine in LSB/AM but barely noticable <1W transmit on voice peaks. I did notice that the receive noise level with antenna seemed slightly less on USB receive than LSB too. I just got the radio on loan from a club member and have not tried any contacts with it; just getting familiar so far. I just downloaded the service manual and read the IF module description. Bad USB filter crystal?

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> >I am using a TW100MP. AM and LSB have great power on all frequencies. LSB mode has just a twitch of power
> ---
> Possible type error. You saying that (USB) has an output problem, but AM & LSB are fine?
>
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack Monitor(all USB):
> 3996, 5357, 7296, 14342.5, 18157.5
>

954. Re: [transworld_radio] Re: TW100MP no USB power

Yahoo group: transworld_radio
Date: 2013-06-18 13:41:29 UTC
From: Dennis
Topic: 951 Message: 954

Your observation dosen't really jive. This because AM & USB are exactly the same mode in the the TW100. The only difference is an inserted carrier for AM TX. The xtal filter & product detector are the same(there is no receive AM product detector). So, and indication of partial AM/LSB operation is perplexing(the only difference between USB/LSB is the selected xtal filter).

It is normal for there to be a slight difference in the way LSB/USB receive sounds.

Assuming that receive otherwise seems normal, I would at this point think that you have a mic problem(or TX audio).

Do you get full output in CW? If you lack a CW key, just momentarily stick a small phillips screw drive in the CW/Key jack. if you have full output in CW, a mic problem would probably be confirmed.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

----- Original Message -----
> From: lbd9992001 <selkie2@...>
> To: transworld_radio@yahoogroups.com
> Cc:
> Sent: Tuesday, June 18, 2013 8:21 AM
> Subject: [transworld_radio] Re: TW100MP no USB power
>
> Hi Dennis,
> Yes, fine in LSB/AM but barely noticable <1W transmit on voice peaks. I did
> notice that the receive noise level with antenna seemed slightly less on USB
> receive than LSB too. I just got the radio on loan from a club member and have
> not tried any contacts with it; just getting familiar so far. I just downloaded
> the service manual and read the IF module description. Bad USB filter crystal?
>
> --- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>>
>> >I am using a TW100MP. AM and LSB have great power on all frequencies.
> LSB mode has just a twitch of power
>> ---
>> Possible type error. You saying that (USB) has an output problem, but AM
> & LSB are fine?
>>
>>
>> Dennis Starks
>> Military-Radio-Guy

>> KBØSFP
>> HFpack/Milpack Monitor(all USB):
>> 3996, 5357, 7296, 14342.5, 18157.5
>>
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>
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>
> ------------------------------------
>
> Yahoo! Groups Links
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>
>

955. Re: TW100MP no USB power

Yahoo group: transworld_radio
Date: 2013-06-18 13:51:30 UTC
From: lbd9992001
Topic: 951 Message: 955

Too early in the morning..AM and LSB OK transmit and receive. USB transmit <1W output on transmit and slightly less receive noise level than LSB. USB receive had what seemed at the time to be regular band noise but few USB stations heard. I didn't try switching to LSB on 20 meters just to see as I just thought I had the radio misconfigured.

--- In transworld_radio@yahoogroups.com, "lbd9992001" <selkie2@...> wrote:
>
> Hi Dennis,
> Yes, fine in LSB/AM but barely noticable <1W transmit on voice peaks. I did notice that the receive noise level with antenna seemed slightly less on USB receive than LSB too. I just got the radio on loan from a club member and have not tried any contacts with it; just getting familiar so far. I just downloaded the service manual and read the IF module description. Bad USB filter crystal?
>
> --- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@> wrote:
> >
> > >I am using a TW100MP. AM and LSB have great power on all frequencies. LSB mode has just a twitch of power
> > ---
> > Possible type error. You saying that (USB) has an output problem, but AM & LSB are fine?
> >
> >
> > Dennis Starks
> > Military-Radio-Guy
> > KBØSFP
> > HFpack/Milpack Monitor(all USB):
> > 3996, 5357, 7296, 14342.5, 18157.5
> >
>

956. Re: TW100MP no USB power

Yahoo group: transworld_radio
Date: 2013-06-18 14:02:14 UTC
From: lbd9992001
Topic: 951 Message: 956

OK Dennis,
I'll try the transmit test and also check receive against another receiver in the shack. Be back this evening with results.
Thanks,
Duane

--- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> Your observation dosen't really jive. This because AM & USB are exactly the same mode in the the TW100. The only difference is an inserted carrier for AM TX. The xtal filter & product detector are the same(there is no receive AM product detector). So, and indication of partial AM/LSB operation is perplexing(the only difference between USB/LSB is the selected xtal filter).
>
> It is normal for there to be a slight difference in the way LSB/USB receive sounds.
>
> Assuming that receive otherwise seems normal, I would at this point think that you have a mic problem(or TX audio).
>
>
> Do you get full output in CW? If you lack a CW key, just momentarily stick a small phillips screw drive in the CW/Key jack. if you have full output in CW, a mic problem would probably be confirmed.
>
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack Monitor(all USB):
> 3996, 5357, 7296, 14342.5, 18157.5
>
>
> ----- Original Message -----
> > From: lbd9992001 <selkie2@...>
> > To: transworld_radio@yahoogroups.com
> > Cc:
> > Sent: Tuesday, June 18, 2013 8:21 AM
> > Subject: [transworld_radio] Re: TW100MP no USB power
> >
> > Hi Dennis,
> > Yes, fine in LSB/AM but barely noticable <1W transmit on voice peaks. I did
> > notice that the receive noise level with antenna seemed slightly less on USB
> > receive than LSB too. I just got the radio on loan from a club member and have
> > not tried any contacts with it; just getting familiar so far. I just downloaded
> > the service manual and read the IF module description. Bad USB filter crystal?

> >
> > --- In transworld_radio@yahoogroups.com, Dennis <spike.dennis@> wrote:
> >>
> >> >I am using a TW100MP. AM and LSB have great power on all frequencies.
> > LSB mode has just a twitch of power
> >> ---
> >> Possible type error. You saying that (USB) has an output problem, but AM
> > & LSB are fine?
> >>
> >>
> >> Dennis Starks
> >> Military-Radio-Guy
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> >> HFpack/Milpack Monitor(all USB):
> >> 3996, 5357, 7296, 14342.5, 18157.5
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957. Has anyone designed and built . . .

Yahoo group: transworld_radio
Date: 2013-06-18 15:58:44 UTC
From: Bob
Topic: 957 Message: 957

I am sitting anticipating FedEx's delivery my new (used) Datron TW1000B and matching PS1000SWA. Unfortunately, I do not have the matching TW7000 exciter/transceiver. Therefore, I am going to have to construct a manual switch to control the filter selection in the TW1000B. That's a fairly simple matter of assembling the parts and putting it together.

The ideal solution would be automatic band switching based upon sensing the RF from the transceiver or better yet linked to the setting of the transmitter VFO. Has anyone here ever built a digital filter selection interface for the TW1000B? Or know someone who has?

73s de Bob NT0A

958. Re: [transworld_radio] Has anyone designed and built . . .

Yahoo group: transworld_radio
Date: 2013-06-18 16:47:51 UTC
From: Dennis
Topic: 957 Message: 958

Though I don't own a TW7000 there is every reason to assume that it is already capable of automatic band switching on the TW1000 just as the TW100 is.

Don't jump the gun.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: Bob <nt0a@...>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, June 18, 2013 10:58 AM
>Subject: [transworld_radio] Has anyone designed and built . . .
>
>
>
>
>
>
>I am sitting anticipating FedEx's delivery my new(used) Datron TW1000B and matching PS1000SWA. Unfortunately, I do not have the matching TW7000 exciter/transceiver. Therefore, I am going to have to construct a manual switch to control the filter selection in the TW1000B. That's a fairly simple matter of assembling the parts and putting it together.
>
>The ideal solution would be automatic band switching based upon sensing the RF from the transceiveror better yet linked to the setting of the transmitter VFO. Has anyone here everbuilt a digital filter selection interface for the TW1000B? Or know someone who has?
>
>73s de Bob NT0A
>
>
>
>
>
>
>
>

960. Re: Has anyone designed and built . . .

Yahoo group: transworld_radio
Date: 2013-06-18 17:48:59 UTC
From: Bob NTÃ□A / NNNÃ□AKI
Topic: 957 Message: 960

--- In transworld_radio@yahoogroups.com, Dennis wrote:
>
> Though I don't own a TW7000 there is every reason to assume that it is already capable of automatic band switching on the TW1000 just as the TW100 is.
>
> Don't jump the gun.

Good thinking, but it's not automatic. The band filters are normally controlled by the matching TW7000 exciter. The control cable that connects the TW7000 to the TW1000B has the following pin outs:

Filter selection in the amplifier is accomplished by shorting pins A through F to pin J for the respective frequency. This function is provided automatically inside the TW7000. For all other radios it must be provided externally by either a manual switch (not recommended by the technical manual) or an automated digital switch. This can be clearly seen on page 3-4 of the TW1000A/B Operator/Technical Manual <http://f1.grp.yahoofs.com/v1/VJnAUdhMvLzba9RvPLn4Pf9UtgkVnYXuZxueWJV3pf\wBfEGHeTsZxUbAJahe2CIyjLBYwzt9FMWH0ed1mswIN0UeU1_kjws0XMNZ/Docs/TW1000A%\20and%20B%20Linear%20Amplifier%20-%20Operator%20Manual.pdf> and accompanying schematics.

A - 2 to 3 MHz
B - 3 to 5 MHz
C - 5 to 8 MHz
D - 8 to 13 MHz
E - 13 to 20 MHz
F - 20 to 30 MHz
H - PTT
I - ALC
J - Ground
73s de Bob NT0A

961. Re: [transworld_radio] Re: Has anyone designed and built . . .

Yahoo group: transworld_radio
Date: 2013-06-18 18:10:01 UTC
From: Dennis
Topic: 957 Message: 961

>Good thinking b it's not automatic. The band filters are normally controlled by the matching TW7000 exciter.

Or other capable radio which include nearly every Transworld/Datron made.

> The control cable that connects the TW7000 to the TW1000B has the following pin outs:

>Filter selection in the amplifier is accomplished by shorting pins

---
Yes, as are all Transworld/Metron amps.

>For all other radios it must be provided externally by either a manual switch
---
Not "all other radios". Many other radios use the exact same scheme for not only remote amp switching but also antennas etc. Including the TW100.

All Daytron/Transworld/Metron amps use the same band filter switching method. That includes all variations of the TW1000/500, M1000/500 etc. Some few, built for integration into existing systems, or sold as stand alone products, did have a front panel band switch as an option.

Some late model radios(not necessarily Daytron) use a data stream that is decoded at filter/relays by an IC such as a 5821. This allows use of a single control wire. The band pass filters in the TW100 itself are switched this way. A person need only to extend that data stream to the amp or other external appliance.

In any case, you should not have any trouble integrating the TW1000 regardless of what you hook it to..

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

962. Re: Has anyone designed and built . . .

Yahoo group: transworld_radio
Date: 2013-06-18 20:00:46 UTC
From: Bob NTÃ□A / NNNÃ□AKI
Topic: 957 Message: 962

Dennis,

Ever heard of someone automating the process either externally or internally based upon the exciter RF into the amp or on reading the exciter frequency? a board to short the various filter selection lines to ground shouldn't be very complex. It's a DB25 connector and the pin assignments are readily available.

73s de Bob NT0A

--- In transworld_radio@yahoogroups.com, Dennis wrote:
>
> >Good thinking b it's not automatic. The band filters are normally controlled by the matching TW7000 exciter.
> ----------
> Or other capable radio which include nearly every Transworld/Datron made.
>
> > The control cable that connects the TW7000 to the TW1000B has the following pin outs:
>
> >Filter selection in the amplifier is accomplished by shorting pins
>
> ----------
> Yes, as are all Transworld/Metron amps. All Daytron/Transworld/Metron amps use the same band filter switching method. That includes all variations of the TW1000/500, M1000/500 etc. Some few, built for integration into existing systems, or sold as stand alone products, did have a front panel band switch as an option.
>
> Some late model radios(not necessarily Daytron) use a data stream that is decoded at filter/relays by an IC such as a 5821. This allows use of a single control wire. The band pass filters in the TW100 itself are switched this way. A person need only to extend that data stream to the amp or other external appliance.
>
> In any case, you should not have any trouble integrating the TW1000 regardless of what you hook it to..
>
>
> Dennis Starks
> Military-Radio-Guy
> KBï¿½SFP
> HFpack/Milpack Monitor(all USB):
> 3996, 5357, 7296, 14342.5, 18157.5
>

963. Re: [transworld_radio] Re: Has anyone designed and built . . .

Yahoo group: transworld_radio
Date: 2013-06-18 20:23:44 UTC
From: Dennis
Topic: 957 Message: 963

>Ever heard of someone automating the process either externally or internallybased upon the exciter RF into the amp or on reading the exciter frequency?

I've had experience with two companies that use this method, and had problems with both.

RM Italy "RM" series amps use fully automatic band switching by use of frequency detection, as does SGC with it's "Smart Cube". Neither work 100% of the time especially if you frequently change bands. The RM has a manual band switch as a back up that most people use instead of the automatic feature. The SGC has no such built in manual switch, but one can be added & often is. The SGC can also be remotely controlled exactly as the TW1000 is. This is most often what's done in commercial applications(as when married with a Micom).

There is an inherent problem with frequency counting/detection within the amp to select bands that is often ignored. As with trying to count the frequency of any SSB signal, with any frequency counter, not having benefit of a carrier. The counter gets confused & reads out gobbledeegook. If reading this gobbledeegook at the same time it's trying to operate switching, you can imagine the effect. Tailoring of the counter/detection circuits have improved performance in this application, but nobody really trust them 100%.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

964. Re: Has anyone designed and built . . .

Yahoo group: transworld_radio
Date: 2013-06-19 10:41:51 UTC
From: Bob NTÃ□A / NNNÃ□AKI
Topic: 957 Message: 964

Dennis,

--- In transworld_radio@yahoogroups.com, Dennis wrote:
>
> There is an inherent problem with frequency counting/detection within the amp to select bands that is often ignored. As with trying to count the frequency of any SSB signal, with any frequency counter, not having benefit of a carrier. The counter gets confused & reads out gobbledeegook. If reading this gobbledeegook at the same time it's trying to operate switching, you can imagine the effect. Tailoring of the counter/detection circuits have improved performance in this application, but nobody really trust them 100%.

Interesting. LDG must have solved the problem with determining the frequency. Once those units are trained, it takes less than 0.1 sec to recall and set the tuner from memory. It is rare that an LDG tuner will go into a full tune when the freq is stored in memory. Usually when that happens there is either something wrong with the signal into the unit or there is something has changed with the antenna and/or the feed line either mechanically or environmentally. Also I use a highly stable and accurate frequency counter with a simple one foot loop antenna. The counter locks into the transmitted frequency instantly and does not waver.

The faulty designs of which you speak must have been designed for economy rather than accuracy and robustness. Obviously the ideal situation would be for the transmit VFO setting to control the amplifier filter selection. Simplest, and most expensive, solution is to marry amp with a compatible transceiver. More robust solution would be to design a hardware interface to be controlled by a computer program that reads the VFO and sets the amp. Looks like the interim solution is a simple switch box with a six position rotary switch.

73s es tnx de Bob NT0A

965. FOR SALE: RT100/MP

Yahoo group: transworld_radio
Date: 2013-06-20 19:45:19 UTC
From: Alex J Rokowetz
Topic: 965 Message: 965

Transworld Radio Group Members,

I received the following email and was asked to forward it to the group. I have no affiliation with the seller.

Please direct any questions you have to the seller at mirkopelcl@...

Alex
K2AJR

----- Forwarded Message -----
From: Mirko <mirkopelcl@siol.net>
To: K2AJR@...
Sent: Thursday, June 20, 2013 3:11 PM
Subject: RT100MP

Hi !

I have for sale RT100MP.
http://www.ebay.com/itm/RT100-MP-Transworld-HF-military-radio-transceiver-RT100MP-/200935612828?ssPageName=ADME:L:LCA:US:1123

Can you inform transworld_radio group I am not
member.

Regards, Mirko, S52PC

966. re: RAT7000 Serial Remote Control Protocol

Yahoo group: transworld_radio
Date: 2013-07-02 02:53:02 UTC
From: N2CKH
Topic: 966 Message: 966

Hello All,

Would anyone happen to have the complete RAT7000 Serial Remote Control Protocol?

Thanks in advance.

/s/ Steve, N2CKH

967. RT-100MP Finals

Yahoo group: transworld_radio
Date: 2013-07-11 01:17:51 UTC
From: Norman
Topic: 967 Message: 967

Group,

Does anyone know of some substitute driver and final transistors for the RT-100MP transceiver?

thanks and 73, Norman WB4VYQ

968. TW100 CW tone low in speaker & headphone

Yahoo group: transworld_radio
Date: 2013-07-22 14:34:03 UTC
From: Trevor Liburd
Topic: 968 Message: 968

Hi all in the group,

My name is Joel,

I have been working on my tw100 rig for a few days now, after buying a M9RC processor board for $125.00 bucks from-----David Panek (KE4MLV...Dave)-------that came without the following parts U23 (CD-4066) U30 (MC-I4412--low power modem, and L3) he said he tested it, and it is working, as I asked him to do before I paid for it, now it could never work without the U30 MC14412 chip. A very dishonest deal I got from him, he never respond to none of my emails to both his his email addresses,

I hope this is an isolated case for with/for him.

Nonetheless I had the spend more money to get the missing parts, someone had sent me a power transformer free of cost---I want to thank you very much, I think it was...N9PSE Mark... for you generosity again,

Below are some things that was done,

for the repair success, replacing the finals with a substitute, replacing a few bad tantalum caps in a couple modules, and replacing the ne555 ic in the M2 module that causes very low RX audio and basically no s-meter reading though you can hear the signals, I also had to replaced the TIP36A with a TIP36C not having the TIP36A, and the power transformer,

All-in-all I was able to bring the radio back to full life with the exception of the CW tone in the speaker and headphone, the CW tone is very very soft, in fact I have to turn the volume up pass half to hear the side tone that it very low or soft,

Anyone with info that can help solved this issue without a charge? I need this to work, because almost 100% of my dxing is CW,

Thanks in advanced

--
v44kai.....Joel.

969. TW100 or RT100 Noise Blanker needed.

Yahoo group: transworld_radio
Date: 2013-08-03 15:04:18 UTC
From: Dennis
Topic: 969 Message: 969

I'd like to mount a TW100 in the mobile. It's worthless in this application because of ignition noise.

So, I need the noise blanker. Even though I already have stacks of TW100's, I'd trade for another radio just get the noise blanker.

Can anybody help?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

970. Low CW Side tone (&) Long TX to RX delay time in CW mode

Yahoo group: transworld_radio
Date: 2013-08-09 15:13:49 UTC
From: Trevor Liburd
Topic: 970 Message: 970

I posted in an earlier topic on the same subject line (low cw side tone in speaker and headphone) have any other with the same issues with the TW-100 as the present subject line? Is anyone interested in the fixing these issues? I will be willing to help with these two, which I think is common with the TW-100 radio, I also found a very reliable final replacement that I tested in cw mode, I will be interested in what others have done,

--
v44kai.....Joel.

971. TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-08-23 14:23:30 UTC
From: Bob NTÃ˜A / NNNÃ˜AKI
Topic: 971 Message: 971

I am still troubleshooting, so I may find the problem, but I've gone through the normal steps without a solution.

The Setup

* IC-756P3
* TW1000
* PS1000SWA

* LDG AT-1000ProII
* Various antennas and dummy loads

The History
When I first acquired the TW1000, I built a manual switch to control the filter selection and put a spectrum analyzer on it to make sure that it was working properly. During that process, an almost invisible solder bridge was found that closing two relays at the same time. Cleared the bridge and the relays worked perfectly, and the amplifier was putting out the expected power. Next the equipment was mounted in an equipment rack, and I ordered the LDG tuner.

When the tuner arrived, I put the tuner between the amp and the antenna, and then trained the tuner using the 756 running straight through the amplifier without power to the amp. The LDG functioned normally matching the 756 to all my MARS and ham frequencies. Powered up amp with amp control cable hooked up between 756 and amp. Reduced 756 output to minimum, selected proper internal amplifier filter for frequency, and keyed 756. Emitter current meters show expected idling current, Increased 756 output to 25 watts. Emitter current increased as expected, and the amp should have put roughly 250W to the antenna, but the watt meter showed zero watts out to antenna . . . nothing, zippo, nada.

Disconnected amp control and keyed rig. As expected the amplifier did not kick in, and the watt meter showed 25 watts to the antenna. Reattached amp control, set 756 to 100W output, keyed 756, and amplifier emitter current increased to max (as expected), but watt meter showed no output from the amplifier to the antenna.

As mentioned before, the amp was putting power out normally into a dummy load during the initial checkout. To confirm that it was not a watt meter problem, I hooked a second HF rig to a different antenna. The second rig confirmed that the 756/LDG combo was putting out a signal, but that there was no output when the amplifier was in the circuit and indicating normal emitter current.

The Questions
1. Am I missing the obvious?

2. Where's all that emitter current going?

3. Why is there no output to the antenna?
4. Is there an undocumented incompatibility with the LDG tuner?
5. How can a solid state amplifier show normal and balanced emitter current, but not produce any output?

I am reasonably confident that did not make any mistakes in hooking everything up, but I may have missed an obvious step. As I continue to troubleshoot, I am open to any and all suggestions and comments from the knowledgeable here on this forum as well as pot shots and kibitzing from the peanut gallery.

73s ex tnx de Bob

NT0A / NNN0AKI MO / NNN0ASF SIX

972. Re: [transworld_radio] TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-08-23 15:20:21 UTC
From: Radio Station KW1I
Topic: 971 Message: 972

Bob,

If I understand your email, with the amp on, when the 756 goes into transmit relay(s) should energize to divert the 756 output to the input of the amplifier stage and another relay or set of relay contacts should connect the output of the amp stage to the antenna. With the increase in emitter current apparently the drive is reaching the amp stage. Have you checked the latter relay or relay contacts that they actually connect the amp output circuit to the antenna?

Dale
KW1I

----- Original Message -----
From: Bob NTÃ~A / NNNÃ~AKI
To: transworld_radio@yahoogroups.com
Sent: Friday, August 23, 2013 10:23 AM
Subject: [transworld_radio] TW1000 Head Scratcher

I am still troubleshooting, so I may find the problem, but I've gone through the normal steps without a solution.

The Setup

a.. IC-756P3
b.. TW1000
c.. PS1000SWA

d.. LDG AT-1000ProII
e.. Various antennas and dummy loads
The History
When I first acquired the TW1000, I built a manual switch to control the filter selection and put a spectrum analyzer on it to make sure that it was working properly. During that process, an almost invisible solder bridge was found that closing two relays at the same time. Cleared the bridge and the relays worked perfectly, and the amplifier was putting out the expected power. Next the equipment was mounted in an equipment rack, and I ordered the LDG tuner.

When the tuner arrived, I put the tuner between the amp and the antenna, and then trained the tuner using the 756 running straight through the amplifier without power to the amp. The LDG functioned normally matching the 756 to all my MARS and ham frequencies. Powered up amp with amp control cable hooked up between 756 and amp. Reduced 756 output to minimum, selected proper internal amplifier filter for frequency, and keyed 756. Emitter current meters show expected idling current, Increased 756 output to 25 watts. Emitter current increased as expected, and the amp should have put roughly 250W to the antenna, but the watt meter showed zero watts out to antenna . . . nothing, zippo, nada.

Disconnected amp control and keyed rig. As expected the amplifier did not kick in, and the watt meter showed 25 watts to the antenna. Reattached amp control, set 756 to 100W output, keyed 756, and amplifier emitter current increased to max (as expected), but watt meter showed no output from the amplifier to the antenna.

As mentioned before, the amp was putting power out normally into a dummy load during the initial checkout. To confirm that it was not a watt meter problem, I hooked a second HF rig to a different antenna. The second rig confirmed that the 756/LDG combo was putting out a signal, but that there was no output when the amplifier was in the circuit and indicating normal emitter current.

The Questions
1.. Am I missing the obvious?
2.. Where's all that emitter current going?

3.. Why is there no output to the antenna?
4.. Is there an undocumented incompatibility with the LDG tuner?
5.. How can a solid state amplifier show normal and balanced emitter current, but not produce any output?

I am reasonably confident that did not make any mistakes in hooking everything up, but I may have missed an obvious step. As I continue to troubleshoot, I am open to any and all suggestions and comments from the knowledgeable here on this forum as well as pot shots and kibitzing from the peanut gallery.

73s ex tnx de Bob

NT0A / NNN0AKI MO / NNN0ASF SIX

973. Re: TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-08-23 18:06:30 UTC
From: Bob NT0A / NNN0AKI
Topic: 971 Message: 973

Dale,

> If I understand your email, with the amp on, when the 756 goes into transmit relay(s) should energize to divert the 756 output to the input of the amplifier stage and another relay or set of relay contacts should connect the output of the amp stage to the antenna. With the increase in emitter current apparently the drive is reaching the amp stage. Have you checked the latter relay or relay contacts that they actually connect the amp output circuit to the antenna?

No, I have not checked the second set of relays. To be to be quite honest it didn't even occur, although it is intuitively obvious that there must be two sets of relays.

The only manual I have is the Operator/Technical Manual. I do not have a detailed repair manual, if they every produced one. I can eventually find the suspect relay, but to save time and effort, do you happen to know the physical location of the relay to connect the amplifier output to the output connector?

73s es tnx de Bob
NT0A / NNN0AKI MO / NNN0ASF SIX

974. Re: TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-08-23 18:08:01 UTC
From: Bob NT0A / NNN0AKI
Topic: 971 Message: 974

Dale,

> If I understand your email, with the amp on, when the 756 goes into transmit relay(s) should energize to divert the 756 output to the input of the amplifier stage and another relay or set of relay contacts should connect the output of the amp stage to the antenna. With the increase in emitter current apparently the drive is reaching the amp stage. Have you checked the latter relay or relay contacts that they actually connect the amp output circuit to the antenna?

No, I have not checked the second set of relays. To be to be quite honest it didn't even occur to me, although it is intuitively obvious that there must be two sets of relays.

The only manual I have is the Operator/Technical Manual. I do not have a detailed repair manual, if they every produced one. I can eventually find the suspect relay, but to save time and effort, do you happen to know the physical location of the relay to connect the amplifier output to the output connector?

73s es tnx de Bob
NT0A / NNN0AKI MO / NNN0ASF SIX

975. Re: [transworld_radio] Re: TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-08-23 19:07:47 UTC
From: Radio Station KW1I
Topic: 971 Message: 975

Bob,

A second relay for Transmit/Receive or an additional set of contacts on a single T/R relay should be easy to find. I have never seen inside a TW-1000 cabinet, but starting at the amp output coax connector, the relay contacts you need to verify should be the very next thing as you trace back toward the power amp stage.

In your previous email when you described some work you did and then the amp delivered power. At that point I would have to believe that the T/R relays were working OK. I wonder if you disturbed something during that troubleshooting adventure?

Dale
KW1I

----- Original Message -----
From: Bob NT0A / NNN0AKI
To: transworld_radio@yahoogroups.com
Sent: Friday, August 23, 2013 2:06 PM
Subject: [transworld_radio] Re: TW1000 Head Scratcher

Dale,

> If I understand your email, with the amp on, when the 756 goes into transmit relay(s) should energize to divert the 756 output to the input of the amplifier stage and another relay or set of relay contacts should connect the output of the amp stage to the antenna. With the increase in emitter current apparently the drive is reaching the amp stage. Have you checked the latter relay or relay contacts that they actually connect the amp output circuit to the antenna?

No, I have not checked the second set of relays. To be to be quite honest it didn't even occur, although it is intuitively obvious that there must be two sets of relays.

The only manual I have is the Operator/Technical Manual. I do not have a detailed repair manual, if they every produced one. I can eventually find the suspect relay, but to save time and effort, do you happen to know the physical location of the relay to connect the amplifier output to the output connector?

73s es tnx de Bob
NT0A / NNN0AKI MO / NNN0ASF SIX

976. Re: TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-08-23 19:36:05 UTC
From: Bob NT0A / NNN0AKI
Topic: 971 Message: 976

Dale,

> A second relay for Transmit/Receive or an additional set of contacts on a single T/R relay should be easy to find. I have never seen inside a TW-1000 cabinet, but starting at the amp output coax connector, the relay contacts you need to verify should be the very next thing as you trace back toward the power amp stage.

True. I popped the top and bottom off when the amp was first delivered to see how it looked, and it was pristine, but cramped. Not much space to probe and prod around for a relay, however.

> In your previous email when you described some work you did and then the amp delivered power. At that point I would have to believe that the T/R relays were working OK. I wonder if you disturbed something during that troubleshooting adventure?

Doubtful. I just peeked in to look, and the filter tests were completed after everything was all sealed up. During those tests the amp was run at just a hair above idle. The output was 50W or less into a 1 kW dummy load.

73s es tnx de Bob
NT0A / NNN0AKI MO / NNN0ASF SIX'

977. Re: [transworld_radio] Re: TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-08-31 11:34:37 UTC
From: Radio Station KW1I
Topic: 971 Message: 977

Bob,

Just going over my recent email. I wonder how the amp project progressed?

Dale

----- Original Message -----
From: Bob NT0A / NNN0AKI
To: transworld_radio@yahoogroups.com
Sent: Friday, August 23, 2013 3:36 PM
Subject: [transworld_radio] Re: TW1000 Head Scratcher

Dale,

> A second relay for Transmit/Receive or an additional set of contacts on a single T/R relay should be easy to find. I have never seen inside a TW-1000 cabinet, but starting at the amp output coax connector, the relay contacts you need to verify should be the very next thing as you trace back toward the power amp stage.

True. I popped the top and bottom off when the amp was first delivered to see how it looked, and it was pristine, but cramped. Not much space to probe and prod around for a relay, however.

> In your previous email when you described some work you did and then the amp delivered power. At that point I would have to believe that the T/R relays were working OK. I wonder if you disturbed something during that troubleshooting adventure?

Doubtful. I just peeked in to look, and the filter tests were completed after everything was all sealed up. During those tests the amp was run at just a hair above idle. The output was 50W or less into a 1 kW dummy load.

73s es tnx de Bob
NT0A / NNN0AKI MO / NNN0ASF SIX'

978. Need TW7000 Schematic

Yahoo group: transworld_radio
Date: 2013-09-01 17:11:39 UTC
From: <ygroups@...>
Topic: 978 Message: 978

Gang,

I'm in need of an accurate schematic for TW7000 Processor Bd. - TWC 738210 REV. G, or something close. I've been through all the stuff floating around the web., to no avail.

Thanks,
Al

979. Re: TW1000 Head Scratcher

Yahoo group: transworld_radio
Date: 2013-09-01 17:51:48 UTC
From: Bob NT0A
Topic: 971 Message: 979

Dale,

--- In transworld_radio@yahoogroups.com, "Radio Station KW1I" wrote:
>
> Just going over my recent email. I wonder how the amp project
progressed?

Well, it got off to a roaring stop.

That means that the work was OBE by everyday life. I was hoping to get it all finished before we departed for my squadron reunion in Virginia Beach, but that ain't a gonna happen. I have fairly well determined that the problem is with the output or K2 relay, but I have not figured out if it is a low voltage problem to the solenoid coil or a problem with the relay contacts. The relays are still manufactured, and I did track down a source and ordered two of them.

They are sitting by the amplifier.

73s de Bob

980. Re: [transworld_radio] Need TW7000 Schematic

Yahoo group: transworld_radio
Date: 2013-09-02 00:46:37 UTC
From: wa9dgm@...
Topic: 978 Message: 980

On Sep 1, 2013, at 10:11, <ygroups@...> wrote:

> Gang,
>
>
> I'm in need of an accurate schematic for TW7000 Processor Bd. - TWC 738210 REV. G, or something close. I've been through all the stuff floating around the web., to no avail.
>
> Thanks,
> Al
>

981. Re: [transworld_radio] Need TW7000 Schematic

Yahoo group: transworld_radio
Date: 2013-09-02 00:47:41 UTC
From: wa9dgm@...
Topic: 978 Message: 981

Which version of radio do u have ? Analog or dsp ? 73 John

On Sep 1, 2013, at 10:11, <ygroups@...> wrote:

> Gang,
>
>
> I'm in need of an accurate schematic for TW7000 Processor Bd. - TWC 738210 REV. G, or something close. I've been through all the stuff floating around the web., to no avail.
>
> Thanks,
> Al
>

982. Re: [transworld_radio] Need TW7000 Schematic

Yahoo group: transworld_radio
Date: 2013-09-02 01:01:19 UTC
From: wa9dgm@...
Topic: 978 Message: 982

Checked my factory service manual on tw 7000 and tw 7000f (french version) and that # doesn't cross to eather transceiver. 73 John

On Sep 1, 2013, at 10:11, <ygroups@...> wrote:

> Gang,
>
>
> I'm in need of an accurate schematic for TW7000 Processor Bd. - TWC 738210 REV. G, or something close. I've been through all the stuff floating around the web., to no avail.
>
> Thanks,
> Al
>

983. RE: Re: [transworld_radio] Need TW7000 Schematic

Yahoo group: transworld_radio
Date: 2013-09-02 03:59:06 UTC
From: <ygroups@...>
Topic: 978 Message: 983

Hi John,

How would I tell? I've seen no indication of DSP features. Will anything show up on the ALPHA 20 BITE TEST?

Firmware indicated at start up is 701 AM.

Thanks for the reply.

Al.

--- In transworld_radio@yahoogroups.com, <wa9dgm@...> wrote:

Which version of radio do u have ? Analog or dsp ? 73 John

On Sep 1, 2013, at 10:11, <ygroups@...> wrote:

Gang,

I'm in need of an accurate schematic for TW7000 Processor Bd. - TWC 738210 REV. G, or something close. I've been through all the stuff floating around the web., to no avail.

Thanks,
Al

984. Re: [transworld_radio] Need TW7000 Schematic

Yahoo group: transworld_radio
Date: 2013-09-02 15:36:08 UTC
From: wa9dgm@...
Topic: 978 Message: 984

Do not know. My firmware is 701b. Call the factory at 760-597-3756 talk to Luis Pirez a tech, or 760-597-3753 jimmy Diaz field service eng. your board # does not match any in my service manuals for the 7000 or 7000f. These radios are sold depending on config. That buyer wanted. At time of purchase. There are mil spec versions also. 73 John

On Sep 1, 2013, at 20:59, <ygroups@...> wrote:

> Hi John,
>
>
>
> How would I tell? I've seen no indication of DSP features. Will anything show up on the ALPHA 20 BITE TEST?
>
>
>
> Firmware indicated at start up is 701 AM.
>
>
>
> Thanks for the reply.
>
>
>
> Al.
>
>
>
> --- In transworld_radio@yahoogroups.com, <wa9dgm@...> wrote:
>
> Which version of radio do u have ? Analog or dsp ? 73 John
>
> On Sep 1, 2013, at 10:11, <ygroups@...> wrote:
>
>
> Gang,
>
>
> I'm in need of an accurate schematic for TW7000 Processor Bd. - TWC 738210 REV. G, or something close. I've been through all the stuff floating around the web., to no avail.
>
> Thanks,
> Al
>

985. yo4giy@yahoo.com has transferred you some files

Yahoo group: transworld_radio
Date: 2013-09-02 17:12:29 UTC
From: Transfer.ro
Topic: 985 Message: 985

RT7000-MS.pdf (18.5Mb)

Link download : https://d.transfer.ro/transfer_ro-02sep-378af38334b.zip?t=1

======transfer.ro=======

986. yo4giy@yahoo.com has transferred you some files

Yahoo group: transworld_radio
Date: 2013-09-02 17:12:28 UTC
From: Transfer.ro
Topic: 985 Message: 986

RT7000-MS.pdf (18.5Mb)

Link download : https://d.transfer.ro/transfer_ro-02sep-378af38334b.zip?t=1

======transfer.ro=======

987. TW-100 mount

Yahoo group: transworld_radio
Date: 2013-09-09 16:54:12 UTC
From: Dennis
Topic: 987 Message: 987

Anybody know where a mount might be purchased for a TW100?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

988. Re: [transworld_radio] TW-100 mount

Yahoo group: transworld_radio
Date: 2013-09-09 17:00:06 UTC
From: wctaylor@juno.com
Topic: 987 Message: 988

Are you looking for a 19" rack mount? If so, I think I have one stashed away.

Sent via DroidX2 on Verizon Wireless™

-----Original message-----
From: Dennis <spike.dennis@yahoo.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Mon, Sep 9, 2013 16:54:12 GMT+00:00
Subject: [transworld_radio] TW-100 mount

Anybody know where a mount might be purchased for a TW100?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

_____
Extended Stay America
Get Fantastic Amenities, low rates! Kitchen, Ample Workspace, Free WIFI
http://thirdpartyoffers.juno.com/TGL3141/522dfe871034a7e852625st03duc

989. Re: [transworld_radio] TW-100 mount

Yahoo group: transworld_radio
Date: 2013-09-09 20:42:50 UTC
From: Alex J Rokowetz
Topic: 987 Message: 989

Dennis,

There are a couple of mounts available for the TW100. The first is a trunion style mount for mounting the TW100 to a horizontal surface in a vehicle or boat. The second mount I have seen is a mount used to install the radio in a 19" rack. Recently and eBay seller was selling a TW100S with the rack mount kit but was unwilling to sell just the kit. I already have a TW100S so I didn't want both and he was unwilling to split 'em up despite my repeated attempts.

For which mount are you looking?

Alex

From: Dennis <spike.dennis@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, September 9, 2013 12:54 PM
Subject: [transworld_radio] TW-100 mount

Anybody know where a mount might be purchased for a TW100?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

990. Re: [transworld_radio] TW-100 mount

Yahoo group: transworld_radio
Date: 2013-09-09 21:00:44 UTC
From: Dennis
Topic: 987 Message: 990

Any mounts I can get. I have several applications that need them. Most desperate at this time is just the flat surface mount.

I saw the 'S' versions on ebay. The seller wanted an insane amount for them.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: Alex J Rokowetz <belarok@...>
>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Monday, September 9, 2013 3:42 PM
>Subject: Re: [transworld_radio] TW-100 mount
>
>
>
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>
>
>Dennis,
>
>There are a couple of mounts available for the TW100. The first is a trunion style mount for mounting the TW100 to a horizontal surface in a vehicle or boat. The second mount I have seen is a mount used to install the radio in a 19" rack. Recently and eBay seller was selling a TW100S with the rack mount kit but was unwilling to sell just the kit. I already have a TW100S so I didn't want both and he was unwilling to split 'em up despite my repeated attempts.
>
>
>
>For which mount are you looking?
>
>
>
>
>Alex
>
>
>
>
>_____
> From: Dennis <spike.dennis@yahoo.com>

>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Monday, September 9, 2013 12:54 PM
>Subject: [transworld_radio] TW-100 mount
>
>
>
>
>Anybody know where a mount might be purchased for a TW100?
>
>
>Dennis Starks
>Military-Radio-Guy
>KBØSFP
>HFpack/Milpack Monitor(all USB):
>3996, 5357, 7296, 14342.5, 18157.5
>
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>
>
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>

991. TW7000 Internal Options

Yahoo group: transworld_radio
Date: 2013-10-20 03:59:48 UTC
From: <nt0a@...>
Topic: 991 Message: 991

I have acquired a TW7000 and need to add some capabilities to it. Specifically I am looking for the following items. If you know someone that would be willing to part with them, please let me know. The radio is ready to go for SSB, but needs some of the items below to get it up on digital ops.

7000ALE-141B - MIL-STD-188-141B ALE or 7000ALE- FED-STD-1045A ALE
7000CW - CW filter or 7000CW1 – CW and Wideband filter
7000HS - 0.1ppm high stability reference
7000NB - Noise blanker
7000RS - 2nd COM port configuration option

73s es tnx de Bob NT0A

992. RE: TW100 or RT100 Noise Blanker needed.

Yahoo group: transworld_radio
Date: 2013-11-08 20:29:00 UTC
From: <jwcress2@...>
Topic: 969 Message: 992

Did you ever find a noise blanker? I have one in a TW100. I have no need for it, but the radio has a synthesizer problem. I'm not experienced on synthesizers and don't really have the time to work on it, but if you have a good working TW100 to trade, I'd be interested.

John K0GCJ

---In transworld_radio@yahoogroups.com, <spike.dennis@...> wrote:

I'd like to mount a TW100 in the mobile. It's worthless in this application because of ignition noise.

So, I need the noise blanker. Even though I already have stacks of TW100's, I'd trade for another radio just get the noise blanker.

Can anybody help?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

993. rt100/mp

Yahoo group: transworld_radio
Date: 2013-11-10 05:29:15 UTC
From: dave
Topic: 387 Message: 993

does anyone have the pinout for the rearpanel connectors on the rt100/mp

or does anyone have the manual that they could send me.
tnx
dave k7da

994. Re: [transworld_radio] rt100/mp

Yahoo group: transworld_radio
Date: 2013-11-10 11:58:33 UTC
From: Alex J Rokowetz
Topic: 387 Message: 994

Dave,

I have sent the service manual and condensed operator manual to your personal email address.

Alex
K2AJR

From: dave <oldbeeman@...>
To: transworld_radio@yahoogroups.com
Sent: Sunday, November 10, 2013 12:29 AM
Subject: [transworld_radio] rt100/mp

does anyone have the pinout for the rearpanel connectors on the rt100/mp

or does anyone have the manual that they could send me.
tnx
dave k7da

995. Uploaded Files

Yahoo group: transworld_radio
Date: 2013-11-22 18:52:58 UTC
From: <belarok@...>
Topic: 995 Message: 995

As you are all aware, Yahoo recently revised it's Groups. Like most, I am not a fan of the new format. However, I notice Yahoo significantly increased the storage space limit for uploaded documents. The pervious limit was 100 MB total. The current limit is 2 GB total. Additionally, the individual file size limit was increased from 3MB per file to 10MB per file.

To take advantage of this improvement, I uploaded 37 additional Transworld/Datron documents to the files section, folder "Docs".

73,

Alex K2AJR

996. WANTED: RAT1000 Automatic Antenna Tuner

Yahoo group: transworld_radio
Date: 2013-11-24 03:18:32 UTC
From: Alex J Rokowetz
Topic: 996 Message: 996

Gents,

Still looking for a RAT1000 Automatic Antenna Tuner. If anyone has a spare or a lead, please let me know.

Thanks!

Alex
K2AJR

997. Newbie question

Yahoo group: transworld_radio
Date: 2013-12-06 09:46:40 UTC
From: <n1ydy@...>
Topic: 997 Message: 997

I'm thinking of getting a tw-100 fly away as my next hf radio. What should I look out for when buying one of these? Is the remote control a useful accessory? Are these practical for ham use? What is the going price for the tw-100 in nice shape? Thanks, Hank, n1ydy

998. Re: [transworld_radio] Newbie question

Yahoo group: transworld_radio
Date: 2013-12-06 13:51:33 UTC
From: Dennis
Topic: 997 Message: 998

What should I look out for when buying one of these?

The 110vac internal power transformer can fail and is hard to replace. I have turned all mine down to no more than 100 watts.

Is the remote control a useful accessory?

No, especially on a Flyaway.

Are these practical for ham use?

Absolutely. They have several extremely useful attributes for portable use that can not be duplicated with any Ham rig:
An effective syllabic squelch.
Scan capability.
VOGAD TX audio processing.
Internal AC power supply.
Minimal current receive consumption(typically 600ma, less than 1/2 that of the competition).
External auto antenna protocol is the same as Hull, Icom, and others.

What is the going price for the tw-100 in nice shape?

Well under $1000.

Do not hold out for the one with a automatic antenna tuner in the lid. It adds weight, size, current consumption, and cost, to the package. The Icom AH-4, or any of their marine tuners, are much smaller, less money, and possibly more effective.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
Thanks, Hank, n1ydy

>
>
>
>

999. TW7000 75 MHz IF Board

Yahoo group: transworld_radio
Date: 2013-12-08 03:27:01 UTC
From: <n7shm@...>
Topic: 999 Message: 999

Does anyone have a 75 MHz IF board for a TW7000 they want to get rid of? Suggestions for a source?

Thanks,

Dan
N7SHM

1000. Re: [transworld_radio] Newbie question

Yahoo group: transworld_radio
Date: 2013-12-09 16:23:45 UTC
From: <ed.leavitt@...>
Topic: 997 Message: 1000

While they are clearly heavy to tote around compared to some newer HF radios, I still love my Flyaway. I never thought I'd become a fan of a manual antenna tuner but I have. I use to have a 5 foot long high-voltage-insulated lead to connect between the radio and a random wire antenna that ran out of an upstairs window. In thunder storms I would disconnect the lead and clip it to something nonconductive. Many's a time I forgot to reconnect it the next time I fired up the radio. I'd fuss a bit more than usual getting a decent match until it occurred to me why it was taking longer than usual. The point is that it was challenging yet possible to tune five feet of wire to freqs below 10 MHz.

Its the only tuner I have found outside of some Army radios that can tune pretty much everything from a dead short to an open circuit.

It also seems fairly content to operate without a decent ground reference. I ran a blind test on a SHARES net with the ground strap connected to a water main, then to a lug nut on my Ford Explorer and then not connected to anything for comparison. Each required a different tuner setting but the net did not report any clear differences.

The only limitation I've noticed that comes to mind would be if you planned to use it for data where a short turn around from Tx to Rx is necessary. The TW-100Fs I've seen seem to have a noticeable hang time after you drop PTT.

****
Edmund Leavitt
K7EFL / AFA0AH USNG: 10TET36292223
****

On 06 Dec 2013 01:46:40 -0800 <n1ydy@...> writes:

I'm thinking of getting a tw-100 fly away as my next hf radio. What should I look out for when buying one of these? Is the remote control a useful accessory? Are these practical for ham use? What is the going price for the tw-100 in nice shape? Thanks, Hank, n1ydy

1001. Memories

Yahoo group: transworld_radio
Date: 2013-12-27 21:44:45 UTC
From: <ednesselroad@...>
Topic: 1001 Message: 1001

Efforts to change memory frequencies in my TW7000 appear to have "taken," yet when the unit is powered off/on, the old frequencies are back in the memories, not the new ones I entered. Similarly, setting the clock only lasts while the unit is powered on. After off/on, the clock reverts to the set mode. However, several changes in the main an Alpha menu settings seem to "take." I'm making the changes via the front panel. Any ideas?
Thanks,
Ed, K6EN

1002. Re: [transworld_radio] Memories

Yahoo group: transworld_radio
Date: 2013-12-27 22:01:50 UTC
From: Alex J Rokowetz
Topic: 1001 Message: 1002

I know this may sound like a silly question... have you changed the mem battery recently?

Alex

From: "ednesselroad@..." <ednesselroad@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 27, 2013 4:44 PM
Subject: [transworld_radio] Memories

Efforts to change memory frequencies in my TW7000 appear to have "taken," yet when the unit is powered off/on, the old frequencies are back in the memories, not the new ones I entered. Similarly, setting the clock only lasts while the unit is powered on. After off/on, the clock reverts to the set mode. However, several changes in the main an Alpha menu settings seem to "take." I'm making the changes via the front panel. Any ideas?
Thanks,
Ed, K6EN

1003. Re: [transworld_radio] Memories

Yahoo group: transworld_radio
Date: 2013-12-28 05:10:27 UTC
From: <ednesselroad@...>
Topic: 1001 Message: 1003

Alex,
Not a silly question. I'm new to the TW 7000. The manual I have doesn't mention a memory battery, although I suspected there must be one. Can you help me with information on the battery and its replacement?
Thanks,
Ed, K6EN

1004. Re: [transworld_radio] Memories

Yahoo group: transworld_radio
Date: 2013-12-28 06:27:48 UTC
From: <n7shm@...>
Topic: 1001 Message: 1004

Ed,

There's a lithium ion battery on the main processor board. It's at the top, rear of the board, on the backside of the processor board from the SRAM chips (larger, long ICs). It's actually very close to the RF amplifier (see Figure 4-1 of the operating manual, if you have that).

The technical manual identifies the battery as a 3 volt CR2450. It looks like the processor board has to be pulled out for battery replacement. I've pulled out the 75 MHz IF board by hand, but would be very careful pulling the main processor board without tools. Anti-static precautions would be important in any case.

Dan
N7SHM

1005. Re: [transworld_radio] Memories

Yahoo group: transworld_radio
Date: 2013-12-28 13:36:31 UTC
From: Alex J Rokowetz
Topic: 1001 Message: 1005

Ed,

The memory battery is located on the processor board and is labeled "BT1". It's should be easy to spot, it's on of those round coin shaped batteries that are often used in car remotes. If you pop off the top cover of the radio with the front of the radio facing you, the processor board is all the way to the left. Try replacing the battery and see if your problems disappear.

Alex
K2AJR

From: "ednesselroad@..." <ednesselroad@...>
To: transworld_radio@yahoogroups.com
Sent: Saturday, December 28, 2013 12:10 AM
Subject: Re: [transworld_radio] Memories

Alex,
Not a silly question. I'm new to the TW 7000. The manual I have doesn't mention a memory battery, although I suspected there must be one. Can you help me with information on the battery and its replacement?
Thanks,
Ed, K6EN

1006. Re: [transworld_radio] Memories

Yahoo group: transworld_radio
Date: 2013-12-28 16:50:51 UTC
From: <ednesselroad@...>
Topic: 1001 Message: 1006

Thanks Alex and Dan. I'll work on the battery issue this weekend. If it's a battery issue, I wonder why the old frequencies get retained and the newly entered ones don't. Maybe I don't understand the volatile vs. non-volatile. Thanks for your help! You may hear from me again...
Ed, K6EN

1008. Re: [transworld_radio] Memories

Yahoo group: transworld_radio
Date: 2013-12-31 18:21:56 UTC
From: <ednesselroad@...>
Topic: 1001 Message: 1008

Well, the battery is, indeed, a 2450. But, it looks like it is permanently affixed to an angle mount soldered to the PCB. Yikes! Anyone have experience with this?
Thanks,
Ed, K6EN

1009. Flyaway Cabinet parts & TW100 mounts

Yahoo group: transworld_radio
Date: 2014-01-10 19:48:25 UTC
From: Dennis
Topic: 1009 Message: 1009

Still looking for any type of TW100 mounts.

I also need the mount ears for a TW100 Flyaway that secure it inside the ZERO/Halliburton case.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1010. Re: [transworld_radio] Flyaway Cabinet parts & TW100 mounts

Yahoo group: transworld_radio
Date: 2014-01-15 12:19:54 UTC
From: Andrew Mazuch
Topic: 1009 Message: 1010

Hi Dennis , I have a TW100 and it is a great radio. Are you looking for rack mounts. For like a 19 inch rack?

John KK4EBL

On Friday, January 10, 2014, Dennis wrote:

>
>
> Still looking for any type of TW100 mounts.
>
> I also need the mount ears for a TW100 Flyaway that secure it inside the
> ZERO/Halliburton case.
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
>
>

1011. Re: [transworld_radio] Flyaway Cabinet parts & TW100 mounts

Yahoo group: transworld_radio
Date: 2014-01-15 13:28:18 UTC
From: Dennis
Topic: 1009 Message: 1011

```
>_________________________________
>  Are you looking for rack mounts.  For like a 19 inch rack?
>-------------------------------
>I can use multiples of any type mount I can get my hands on.
>
>Dennis Starks
>Military-Radio-Guy
>KBØSFP
>HFpack/Milpack, Monitor all:
>3996usb, 5357usb, 7296usb,
>14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
```

1012. MA-1000B Replacing Finals

Yahoo group: transworld_radio
Date: 2014-01-16 03:53:22 UTC
From: <qrv@...>
Topic: 1012 Message: 1012

A local Ham has a 1000B with blown finals.

RFParts wants $370. for eight - is there a cheaper source?

From what I read I should expect to have to replace the swamping resistors at the input as well.

Anything else I should anticipate, please?

He doesn't know what to ask & I don't know what to offer - what should one expect to pay for a 1000B in this condition, please?

Thanks! & 73, David KD4E

1013. Re: [transworld_radio] MA-1000B Replacing Finals

Yahoo group: transworld_radio
Date: 2014-01-16 11:09:46 UTC
From: Alex J Rokowetz
Topic: 1012 Message: 1013

I really don't know what they go for, but there is one on eBay right now. Watch and see what it sells for (if it sells).

eBay item number:
221353988741

Alex
K2AJR

From: "qrv@..." <qrv@...>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, January 15, 2014 10:53 PM
Subject: [transworld_radio] MA-1000B Replacing Finals

A local Ham has a 1000B with blown finals.

RFParts wants $370. for eight - is there a cheaper source?

From what I read I should expect to have to replace the swamping resistors at the input as well.

Anything else I should anticipate, please?

He doesn't know what to ask & I don't know what to offer - what should one expect to pay for a 1000B in this condition, please?

Thanks! & 73, David KD4E

1014. HH7700 CHARGER

Yahoo group: transworld_radio
Date: 2014-01-20 15:26:01 UTC
From: murphyjunk
Topic: 1014 Message: 1014

anyone have an extra charger for a TW HH7700 radio?

1015. TW7000/TW1000 ALE Voltage Specifications

Yahoo group: transworld_radio
Date: 2014-01-30 05:05:49 UTC
From: <nt0a@...>
Topic: 1015 Message: 1015

Does anyone have the specifications for the range of the ALC voltage that is used to reduce the output of the amplifier? The only reference I have been able to find is that as the ALC voltage from the TW7000 rises, so does the amplifier power output. However, I have not found any indication of the min and max voltages.

73s ex tnx de Bob NT0A

1016. Re: [transworld_radio] TW7000/TW1000 ALE Voltage Specifications

Yahoo group: transworld_radio
Date: 2014-01-30 11:41:46 UTC
From: Ion Gheorghiescu
Topic: 1015 Message: 1016
Attachments: 1 described; binary payloads are missing from this source WARC

On Thursday, January 30, 2014 7:05 AM, "nt0a@..." <nt0a@...> wrote:

Does anyone have the specifications for the range of the ALC voltage that is used to reduce the output of the amplifier? The only reference I have been able to find is that as the ALC voltage from the TW7000 rises, so does the amplifier power output. However, I have not found any indication of the min and max voltages.

73s ex tnx de Bob NT0A

1017. Re: [transworld_radio] TW7000/TW1000 ALE Voltage Specifications

Yahoo group: transworld_radio
Date: 2014-01-30 18:21:19 UTC
From: wa9dgm@...
Topic: 1015 Message: 1017

Call the factory ! Service manual for tw7000 mentions but no values given, also there are 2 fast alc boards as options which are used with the amp. 73 John

On Jan 29, 2014, at 21:05, <nt0a@...> wrote:

> Does anyone have the specifications for the range of the ALC voltage that is used to reduce the output of the amplifier? The only reference I have been able to find is that as the ALC voltage from the TW7000 rises, so does the amplifier power output. However, I have not found any indication of the min and max voltages.
>
> 73s ex tnx de Bob NT0A
>
>

1018. TW100 Channel programming

Yahoo group: transworld_radio
Date: 2014-02-01 14:28:14 UTC
From: Dennis
Topic: 1018 Message: 1018
Attachments: 1 described; binary payloads are missing from this source WARC

Attached is a PDF cheat sheet to be kept with your Transworld TW100 variant just in case you forget how to program it's channel parameters.

Actually, there are two different sheets. Print it out, fold it in half, use the one you like best. Once trimmed and folded in half it will fit in a zip-loc sandwich bag for protection.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1019. Micro TW100 Cheat Sheet

Yahoo group: transworld_radio
Date: 2014-02-01 19:26:54 UTC
From: Dennis
Topic: 1019 Message: 1019

If the PDF of the cheat sheet did not make it through to you, it can be found at the below address.

Also there's another one that once printed & trimmed can me laminated, or taped to the radio cabinet, with a single strip of clear box tape. It's size is approx 2 x 4 inches.

There is also a file provided by W9RAN with some insight into fixing defective keypads.

http://groups.yahoo.com/neo/groups/Oddball_HF_SSB_Radio/files/Transworld%20TW100/

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1020. TW100 / AL 811

Yahoo group: transworld_radio
Date: 2014-02-07 19:03:15 UTC
From: <ajmazuch@...>
Topic: 1020 Message: 1020

I am trying to connect the TW100 to my AL 811 amp and I am just not clear on the connections from the db9 connectors in the back of the radio. Has anyone successfully made this connection and How???

Thank you
KK4EBL

1021. Additional Channel Option

Yahoo group: transworld_radio
Date: 2014-02-16 02:49:15 UTC
From: <belarok@...>
Topic: 1021 Message: 1021

I spent today testing a lot of 7000 series boards I picked up on eBay recently. Some boards were good, others were bad. During that testing, I learned something about one of the options available in the 7000 series, the Additional Channel Option (ACH).

The 7000 series radios (TW7000, TW7000F, or RT7000) come standard with 256 channels. If you want to scan different frequencies groups or use ALE in different nets, 256 channels can get used up pretty fast. The ACH option provides 1,000 channels. I always thought one had to order something special from Datron and pay $$$in order to expand the number of available channels to 1,000. Today, I learned that’s not necessary. If you want to expand the number of channels on your 7000 series radio, just follow these simple steps:

Turn off the radio and remove the cover.
Remove the board hold-down bar(s).
Remove the processor board.
Install a jumper on JU10A.
Install a jumper on JU10D (this jumper clears the old RAM).
Reinstall the processor board.
Turn on the radio and verify that you now have 1000 channels available.
Turn off the radio and remove the jumper from JU10D.
Reinstall the board hold-down bar(s) and radio cover.

If you know what you are doing you can install and remove the jumpers without removing the processor board. Just use a needle nose pliers to add and remove the jumpers. I did this with a couple of my radios tonight.

I hope someone else out there will benefit from extra channels on their radio.

73,

Alex
K2AJR

1022. Re: [transworld_radio] Additional Channel Option

Yahoo group: transworld_radio
Date: 2014-02-16 02:53:25 UTC
From: Ira Moser
Topic: 1021 Message: 1022

Good deal, Alex! I've a 7000F that I need to piece back together. PSU is dead, and no atu cables.

Ira

Ira J. Moser, Owner, MECO
www.meco.org

Huxley and Orwell were OPTIMISTS!
On Feb 15, 2014 6:49 PM, <belarok@...> wrote:

>
>
> I spent today testing a lot of 7000 series boards I picked up on eBay
> recently. Some boards were good, others were bad. During that testing,
> I learned something about one of the options available in the 7000 series,
> the Additional Channel Option (ACH).
>
>
>
> The 7000 series radios (TW7000, TW7000F, or RT7000) come standard with 256
> channels. If you want to scan different frequencies groups or use ALE in
> different nets, 256 channels can get used up pretty fast. The ACH option
> provides 1,000 channels. I always thought one had to order something
> special from Datron and pay $$$in order to expand the number of available
> channels to 1,000. Today, I learned that's not necessary. If you want
> to expand the number of channels on your 7000 series radio, just follow
> these simple steps:
>
>
>
> 1.
>
> Turn off the radio and remove the cover.
> 2.
>
> Remove the board hold-down bar(s).
> 3.
>
> Remove the processor board.
> 4.
>
> Install a jumper on JU10A.
> 5.
>
> Install a jumper on JU10D (this jumper clears the old RAM).

> 6.
>
> Reinstall the processor board.
> 7.
>
> Turn on the radio and verify that you now have 1000 channels available.
> 8.
>
> Turn off the radio and remove the jumper from JU10D.
> 9.
>
> Reinstall the board hold-down bar(s) and radio cover.
>
>
>
> If you know what you are doing you can install and remove the jumpers
> without removing the processor board. Just use a needle nose pliers to add
> and remove the jumpers. I did this with a couple of my radios tonight.
>
>
>
> I hope someone else out there will benefit from extra channels on their
> radio.
>
>
> 73,
>
>
> Alex
>
> K2AJR
>
>

1023. Datron Amp

Yahoo group: transworld_radio
Date: 2014-02-16 04:32:31 UTC
From: Dindo Garcia
Topic: 1023 Message: 1023

Hello,

Does anybody know how could I connect my Datron 1KW solid state amp to an
Icom Hf radio?
On Feb 16, 2014 10:49 AM, <belarok@...> wrote:

>
>
> I spent today testing a lot of 7000 series boards I picked up on eBay
> recently. Some boards were good, others were bad. During that testing,
> I learned something about one of the options available in the 7000 series,
> the Additional Channel Option (ACH).
>
>
>
> The 7000 series radios (TW7000, TW7000F, or RT7000) come standard with 256
> channels. If you want to scan different frequencies groups or use ALE in
> different nets, 256 channels can get used up pretty fast. The ACH option
> provides 1,000 channels. I always thought one had to order something
> special from Datron and pay $$$in order to expand the number of available
> channels to 1,000. Today, I learned that's not necessary. If you want
> to expand the number of channels on your 7000 series radio, just follow
> these simple steps:
>
>
>
> 1.
>
> Turn off the radio and remove the cover.
> 2.
>
> Remove the board hold-down bar(s).
> 3.
>
> Remove the processor board.
> 4.
>
> Install a jumper on JU10A.
> 5.
>
> Install a jumper on JU10D (this jumper clears the old RAM).
> 6.
>
> Reinstall the processor board.
> 7.

>
> Turn on the radio and verify that you now have 1000 channels available.
> 8.
>
> Turn off the radio and remove the jumper from JU10D.
> 9.
>
> Reinstall the board hold-down bar(s) and radio cover.
>
>
>
> If you know what you are doing you can install and remove the jumpers
> without removing the processor board. Just use a needle nose pliers to add
> and remove the jumpers. I did this with a couple of my radios tonight.
>
>
>
> I hope someone else out there will benefit from extra channels on their
> radio.
>
>
> 73,
>
>
> Alex
>
> K2AJR
>
>

1024. RE: TW7000 75 MHz IF Board

Yahoo group: transworld_radio
Date: 2014-02-21 20:20:29 UTC
From: <n7shm@...>
Topic: 999 Message: 1024

Bump. Still looking for a 75 MHz IF board. Any lead is appreciated.

Dan
N7SHM

1025. TW100 mounts still needed, plus some toggle switches.

Yahoo group: transworld_radio
Date: 2014-02-27 20:23:33 UTC
From: Dennis
Topic: 1025 Message: 1025

Thanks to Bill, KD4LXC, I now have one 19" rack mount. I only need three more.

I'd also like to find at least two desk top mounts('U' shape).

I would like to find some of the original mini-toggle switches for the two knob versions of the TW100. The plan is to add hi/low power switches, and Install a couple Noise Blanker modules provided by Larry, N3AIF.

I'd buy your junker radios to get any of the above.

Thanks to all.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1026. Re: [transworld_radio] TW100 mounts still needed, plus some toggle switches.

Yahoo group: transworld_radio
Date: 2014-02-27 22:16:13 UTC
From: wctaylor@juno.com
Topic: 1025 Message: 1026

I only have one and it works good. I don't use it even though it's still hooked up.

Sent via DroidX2 on Verizon Wireless™

-----Original message-----
From: Dennis <spike.dennis@yahoo.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thu, Feb 27, 2014 20:23:33 GMT+00:00
Subject: [transworld_radio] TW100 mounts still needed, plus some toggle switches.

Thanks to Bill, KD4LXC, I now have one 19" rack mount. I only need three more.

I'd also like to find at least two desk top mounts('U' shape).

I would like to find some of the original mini-toggle switches for the two knob versions of the TW100. The plan is to add hi/low power switches, and Install a couple Noise Blanker modules provided by Larry, N3AIF.

I'd buy your junker radios to get any of the above.

Thanks to all.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

_____
High blood pressure breakthrough
This amazing all natural nutrient works by expanding narrow blood vessels
http://thirdpartyoffers.juno.com/TGL3141/530fb91f6584b391d58dbst01duc

1027. TW100

Yahoo group: transworld_radio
Date: 2014-02-28 14:32:08 UTC
From: Sid Leben
Topic: 49 Message: 1027

Dennis,
My TW100 is available, but it is not a junker! Works well, looks good..

Sid
KC2EE

1028. RE: TW100

Yahoo group: transworld_radio
Date: 2014-02-28 15:26:54 UTC
From: <anthony.howard26@...>
Topic: 49 Message: 1028

HiSid,
What sort of money ?
Anthony

1029. TW100 Transmit frequency instability, synthesizer unlock?

Yahoo group: transworld_radio
Date: 2014-02-28 16:05:14 UTC
From: Dennis
Topic: 1029 Message: 1029

A couple of my radios, and several friends using TW100's, have a frequency instability problem when transmitting.

The condition has various degrees of severity that ranges from a slight frequency wobble on TX voice peaks, to the synthesizer unlocking and whizzing over several kilocycles.

On one of my radios this was especially apparent when operating from battery power, but was eliminated when the AC power supply was turned on. This even though the radio is used at the reduced power level of 50 watts to drive an amplifier.This radio has gotten progressively worse and is now my worst case example. If you listen very carefully you can just make out a wobble on strong received signals with the volume turned up pretty high.

I also have a 28v version, that exhibits this problem, as well as a TW100F that does it only when operating from the internal power supply(it's fine when used on an external battery).

At first I was thinking maybe there was an oscillator setting on the edge & an excessive primary voltage fluctuation would cause the synthesizer to unlock. Then one of our group suggested that possibly a lesser voltage regulator might be at fault(similar to what causes FMing on the PRC-1099).

As this seems to be a pretty common fault I was wondering if there was an easy fix. I saw nothing in the group message archives.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1030. Re: [transworld_radio] RE: TW100

Yahoo group: transworld_radio
Date: 2014-03-01 04:49:11 UTC
From: Sid Leben
Topic: 49 Message: 1030

Anthony,
$425 plus freight. Includes new hand mic with connector..
Pictures available.
Please contact me direct. Sid@leben.com<mailto:Sid@leben.com>

KC2EE
Houston, TX

Sent from my iPad

On Feb 28, 2014, at 9:27 AM,
"anthony.howard26@btinternet.com<mailto:anthony.howard26@btinternet.com>"
<anthony.howard26@btinternet.com<mailto:anthony.howard26@btinternet.com>> wrote:

HiSid,
What sort of money ?
Anthony

1031. Re: [transworld_radio] RE: TW100

Yahoo group: transworld_radio
Date: 2014-03-01 17:38:39 UTC
From: tony1
Topic: 49 Message: 1031

On 01/03/2014 04:49, Sid Leben wrote:
> Anthony,
> $425 plus freight. Includes new hand mic with connector..
> Pictures available.
> Please contact me direct. Sid@... <mailto:Sid@...>
>
> KC2EE
> Houston, TX
>
> Sent from my iPad
>
> On Feb 28, 2014, at 9:27 AM, "anthony.howard26@...
> <mailto:anthony.howard26@...>"
> <anthony.howard26@...
> <mailto:anthony.howard26@...>> wrote:
>
>> HiSid,
>> What sort of money ?
>> Anthony
>>
>
Many thanks Sid, can you send some Pics please.
Regards
Anthony

1032. Re: [transworld_radio] RE: TW100

Yahoo group: transworld_radio
Date: 2014-03-01 18:16:40 UTC
From: Dennis
Topic: 49 Message: 1032

I'd think any purchase/sale negotiations past this point would be better conducted off list.

KB0SFP

>_____
> From: tony1 <anthony.howard26@...>
>To: transworld_radio@yahoogroups.com
>Sent: Saturday, March 1, 2014 11:38 AM
>Subject: Re: [transworld_radio] RE: TW100
>
>
>
>
>
>
>On 01/03/2014 04:49, Sid Leben wrote:
>
>
>>Anthony,
>>$425 plus freight. Includes new hand mic with connector..
>>Pictures available.
>>Please contact me direct. Sid@...
>>
>>
>>KC2EE
>>Houston, TX
>>
>>Sent from my iPad
>>
>>On Feb 28, 2014, at 9:27 AM, "anthony.howard26@..." <anthony.howard26@...> wrote:
>>
>>
>>
>>> HiSid,
>>>What sort of money ?
>>>Anthony
Many thanks Sid, can you send some Pics please.
>Regards
>
>Anthony
>
>
>
>

>

1033. Re: [transworld_radio] RE: TW100

Yahoo group: transworld_radio
Date: 2014-03-01 21:21:10 UTC
From: Sid Leben
Topic: 49 Message: 1033

As I have requested..
Sid

From: Dennis Starks <spike.dennis@...<mailto:spike.dennis@...>>
Reply-To: "transworld_radio@yahoogroups.com<mailto:transworld_radio@yahoogroups.com>"
<transworld_radio@yahoogroups.com<mailto:transworld_radio@yahoogroups.com>>
Date: Saturday, March 1, 2014 at 12:16 PM
To: "transworld_radio@yahoogroups.com<mailto:transworld_radio@yahoogroups.com>"
<transworld_radio@yahoogroups.com<mailto:transworld_radio@yahoogroups.com>>
Subject: Re: [transworld_radio] RE: TW100

I'd think any purchase/sale negotiations past this point would be better conducted off list.

KB0SFP

From: tony1 <anthony.howard26@btinternet.com<mailto:anthony.howard26@...>>
To: transworld_radio@yahoogroups.com<mailto:transworld_radio@yahoogroups.com>
Sent: Saturday, March 1, 2014 11:38 AM
Subject: Re: [transworld_radio] RE: TW100

On 01/03/2014 04:49, Sid Leben wrote:

Anthony,
$425 plus freight. Includes new hand mic with connector..
Pictures available.
Please contact me direct. Sid@leben.com<mailto:Sid@...>

KC2EE
Houston, TX

Sent from my iPad

On Feb 28, 2014, at 9:27 AM, "anthony.howard26@...<mailto:anthony.howard26@...>"
<anthony.howard26@...<mailto:anthony.howard26@...>> wrote:

HiSid,
What sort of money ?
Anthony
Many thanks Sid, can you send some Pics please.
Regards

Anthony

1034. TW-1000 need parts, help, or whole amp

Yahoo group: transworld_radio
Date: 2014-03-08 17:01:14 UTC
From: <lloyd_n9lb@...>
Topic: 1034 Message: 1034

I have a TW-1000 amplifier, managed to set it to the wrong band and blew up one of the harmonic filters and RF power transistors.
I replaced the original Motorola D310050 transistors with Motorola MRF422 transistors. Now power output is way low.

Is there a source for D310050 RF transistors or is there a circuit modification that makes the MRF422 work correctly?
Does anyone have a working TW-1000 for sale or a TW1000 for parts?

Lloyd - N9LB
lloydberg@charter.net
608-445-4144

1035. PRC 1077 repair

Yahoo group: transworld_radio
Date: 2014-03-28 16:24:22 UTC
From: <harlikwin667@...>
Topic: 1035 Message: 1035

Does Datron still service these radios? Does anyone else work on them for a lower price?

I've got one that is sort-of operational, the LCD display is most of the time all messed up (displays garbage), but strangely works accurately some small amount of time. Also the xmit power is low on several frequencies but normal on others (can't tell which due to the LCD being weird). But there is one band that puts out the full ~4-5W out on hi, ~2w on med and ~1W on low, However, the other bands that only do ~1W when set to high when transmitting into a dummy load. This leads me to think module M3 or M6 might be the problem for the LCD, and maybe M3 for the band switching or M4 for the power out (I think the M4 amp is ok, since at least on one band it does work?).

I don't have much in the way of test gear, and would like to get it operational.

1036. Re: [transworld_radio] PRC 1077 repair

Yahoo group: transworld_radio
Date: 2014-03-28 17:05:24 UTC
From: Alex J Rokowetz
Topic: 1035 Message: 1036

The 1077 is still part of their current product line so I can't imagine why they would not service it or have parts in stock. Give them a call and let us know how you make out.

I have had them make repair on other radios and although the hourly rate is not cheap their techs know their equipment very well and can zero in on a problem in no time. Cost to repair will vary depending upon the parts that are needed.

Aex
K2AJR

From: "harlikwin667@yahoo.com" <harlikwin667@...>
To: transworld_radio@yahoogroups.com
Sent: Friday, March 28, 2014 12:24 PM
Subject: [transworld_radio] PRC 1077 repair

Does Datron still service these radios? Does anyone else work on them for a lower price?

I've got one that is sort-of operational, the LCD display is most of the time all messed up (displays garbage), but strangely works accurately some small amount of time. Also the xmit power is low on several frequencies but normal on others (can't tell which due to the LCD being weird). But there is one band that puts out the full ~4-5W out on hi, ~2w on med and ~1W on low, However, the other bands that only do ~1W when set to high when transmitting into a dummy load. This leads me to think module M3 or M6 might be the problem for the LCD, and maybe M3 for the band switching or M4 for the power out (I think the M4 amp is ok, since at least on one band it does work?).

I don't have much in the way of test gear, and would like to get it operational.

1037. PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 12:19:58 UTC
From: Dennis
Topic: 1037 Message: 1037

Does the PRC-1088 use an antenna that is peculiar to it & Datron? Or, will it use an antenna that is a standard in the industry & common to other radios? If so, which ones?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1038. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 12:47:59 UTC
From: Alex J Rokowetz
Topic: 1037 Message: 1038

Using the 1999 Datron catalog as a guide, Section 9 says that either the AT-271 or AT892 antennas may be used IF the broadband adapter is attached top the base of the antenna.

From: Dennis <spike.dennis@...>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, April 2, 2014 8:19 AM
Subject: [transworld_radio] PRC-1088 antenna?

Does the PRC-1088 use an antenna that is peculiar to it & Datron? Or, will it use an antenna that is a standard in the industry & common to other radios? If so, which ones?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1039. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 13:01:43 UTC
From: Dennis
Topic: 1037 Message: 1039

I wonder if that is simply a mechanical adapter rather than containing any electronics(caps/coils/etc)?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

>_____
> From: Alex J Rokowetz <belarok@...>
>To: "transworld_radio@...m" <transworld_radio@yahoogroups.com>
>Sent: Wednesday, April 2, 2014 7:47 AM
>Subject: Re: [transworld_radio] PRC-1088 antenna?
>
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>
>
>
>
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>
>
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>_____
> From: Dennis <spike.dennis@...>
>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Wednesday, April 2, 2014 8:19 AM
>Subject: [transworld_radio] PRC-1088 antenna?
>
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>Does the PRC-1088 use an antenna that is peculiar to it & Datron? Or, will it use an antenna that is a standard in the industry & common to other radios? If so, which ones?
>
>
>Dennis Starks
>Military-Radio-Guy
>KBØSFP
>HFpack/Milpack, Monitor all:
>3996usb, 5357usb, 7296usb,
>14342.5usb, 18157.5usb, 29.4fm, 51.0fm

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1040. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 13:19:10 UTC
From: Dennis
Topic: 1037 Message: 1040

The antenna connection look the same on pictures I've been able to find showing the front panel of the PRC-1088, PRC-119, PRC-117.

So, I wonder of this Datron component is simply a mechanical adapter to allow the use of the more common PRC-25/77 antenna. Otherwise the 1088 might use the current standard AS-3683 type antenna as used on the PRC-119?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

>_____
> From: Alex J Rokowetz <belarok@...>
>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Wednesday, April 2, 2014 7:47 AM
>Subject: Re: [transworld_radio] PRC-1088 antenna?
>
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>
>Using the 1999 Datron catalog as a guide, Section 9 says that either the AT-271 or AT892 antennas may be used IF the broadband adapter is attached top the base of the antenna.
>
>
>
>_____
> From: Dennis <spike.dennis@...>
>To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
>Sent: Wednesday, April 2, 2014 8:19 AM
>Subject: [transworld_radio] PRC-1088 antenna?
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>
>
>Does the PRC-1088 use an antenna that is peculiar to it & Datron? Or, will it use an antenna that is a standard in the industry & common to other radios? If so, which ones?
>
>
>Dennis Starks
>Military-Radio-Guy
>KBØSFP

```
>HFpack/Milpack, Monitor all:
>3996usb, 5357usb, 7296usb,
>14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
>
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>
>
>
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1041. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 18:45:42 UTC
From: Brooke Clarke
Topic: 1037 Message: 1041

Hi Dennis:

All these various military tape and whip antennas do no contain any electrical circuits. But . . . some radios, the
PRC-25 and PRC-77 for example, have a switch at the bottom of the antenna female threads that's activated by a plunger.
When the AT-271 antenna is connected by means of the AB-591 the plunger activates the antenna matching switch. When no
whip is connected to the antenna terminal the output is 50 Ohms on the BNC connector, but when a whip is installed the
matching circuit for that whip is in the circuit.

If the PRC-1088 will work with the AT-892 then it has 5/16-24 threads because both the AT-892 and the Part/Of AT-892
goose-neck base only use that thread.

To use the AT-271 you also need to have a base.
There are different bases for different radios, see the table on the TWA web page.
The AB-591 adapts the AT-271 to radios that have an antenna matching switch that needs to be activated when the AT-271
is used and not activated when a 50 Ohm antenna is connected to the BNC antenna out connector. The AB-129 and
A3191126-1 <http://www.prc68.com/I/Images/sincgars_Abase.jpg> (Sincgars) bases do not have the plunger. But since the
only base that has 5/16-24 threads is the AB-591 then it's probable that the PRC-1088 uses a switch to select whip
matching or 50 Ohm output.

For more on this see my Tape Whip Adapter web page:
http://www.prc68.com/P/TWA.html#TMA
and
http://www.prc68.com/I/AT271.shtml#Bases

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Dennis wrote:
>
>
> I wonder if that is simply a mechanical adapter rather than containing any electronics(caps/coils/etc)?
>
> Dennis Starks
> Military-Radio-Guy

> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---

> *From:* Alex J Rokowetz <belarok@...>
> *To:* "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
> *Sent:* Wednesday, April 2, 2014 7:47 AM
> *Subject:* Re: [transworld_radio] PRC-1088 antenna?
>
>
>
> Using the 1999 Datron catalog as a guide, Section 9 says that either the AT-271 or AT892 antennas may be used IF
> the broadband adapter is attached top the base of the antenna.
>
> ---

> *From:* Dennis <spike.dennis@...>
> *To:* "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
> *Sent:* Wednesday, April 2, 2014 8:19 AM
> *Subject:* [transworld_radio] PRC-1088 antenna?
>
> Does the PRC-1088 use an antenna that is peculiar to it & Datron? Or, will it use an antenna that is a standard in
> the industry & common to other radios? If so, which ones?
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
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1042. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 19:28:03 UTC
From: Alex J Rokowetz
Topic: 1037 Message: 1042

Gang,

I just created a folder titled PRC-1088 and uploaded close up photos of the antenna connector on the PR-1088 radio as well as the AT892BB adapter which is required to connect the AT892 or AT271 antennas. I could be wrong but I am not sure how an AT892 or AB591/AT271 antenna would be connected without the adapter. The TWA2 doesn't seem like it would fit. Am I missing something?

https://groups.yahoo.com/neo/groups/transworld_radio/photos/albums/1469672658

Alex
K2AJR

From: Brooke Clarke <brooke@...>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, April 2, 2014 2:45 PM
Subject: Re: [transworld_radio] PRC-1088 antenna?

Hi Dennis:

All these various military tape and whip antennas do no contain any electrical circuits. But . . . some radios, the
PRC-25 and PRC-77 for example, have a switch at the bottom of the antenna female threads that's activated by a plunger.
When the AT-271 antenna is connected by means of the AB-591 the plunger activates the antenna matching switch. When no
whip is connected to the antenna terminal the output is 50 Ohms on the BNC connector, but when a whip is installed the
matching circuit for that whip is in the circuit.

If the PRC-1088 will work with the AT-892 then it has 5/16-24 threads because both the AT-892 and the Part/Of AT-892
goose-neck base only use that thread.

To use the AT-271 you also need to have a base.
There are different bases for different radios, see the table on the TWA web page.
The AB-591 adapts the AT-271 to radios that have an antenna matching switch that needs to be activated when the AT-271
is used and not activated when a 50 Ohm antenna is connected to the BNC antenna out connector. The AB-129 and
A3191126-1 <http://www.prc68.com/I/Images/sincgars_Abase.jpg> (Sincgars) bases do not have the plunger. But since the
only base that has 5/16-24 threads is the AB-591 then it's probable that the PRC-1088 uses a switch to select whip
matching or 50 Ohm output.

For more on this see my Tape Whip Adapter web page:
http://www.prc68.com/P/TWA.html#TMA
and
http://www.prc68.com/I/AT271.shtml#Bases

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Dennis wrote:
>
>
> I wonder if that is simply a mechanical adapter rather than containing any
electronics(caps/coils/etc)?
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---
> *From:* Alex J Rokowetz <belarok@...>
> *To:* "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
> *Sent:* Wednesday, April 2, 2014 7:47 AM
> *Subject:* Re: [transworld_radio] PRC-1088 antenna?
>
>
>
> Using the 1999 Datron catalog as a guide, Section 9 says that either the AT-271 or AT892
antennas may be used IF
> the broadband adapter is attached top the base of the antenna.
>
> ---
> *From:* Dennis <spike.dennis@...>
> *To:* "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
> *Sent:* Wednesday, April 2, 2014 8:19 AM
> *Subject:* [transworld_radio] PRC-1088 antenna?
>
> Does the PRC-1088 use an antenna that is peculiar to it & Datron? Or, will it use an
antenna that is a standard in
> the industry & common to other radios? If so, which ones?
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
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1043. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 19:55:53 UTC
From: Brooke Clarke
Topic: 1037 Message: 1043

Hi Alex:

You're correct the TWA will not fit. It's just the web page that has a lot of data on tape and whip antennas and the
bases used with them.

Dennis was asking about matching circuits in the antenna and I'm saying there's a switch in the AB-591 that turns on the
3 meter whip matching circuit, with no whip antenna the 50 Ohm output is active on the BNC connector.

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Alex J Rokowetz wrote:
>
>
> Gang,
>
> I just created a folder titled PRC-1088 and uploaded close up photos of the antenna connector on the PR-1088 radio as
> well as the AT892BB adapter which is required to connect the AT892 or AT271 antennas. I could be wrong but I am not
> sure how an AT892 or AB591/AT271 antenna would be connected without the adapter. The TWA2 doesn't seem like it would
> fit. Am I missing something?
>
> https://groups.yahoo.com/neo/groups/transworld_radio/photos/albums/1469672658
>
>
> Alex
> K2AJR
>
>
> ----------
> *From:* Brooke Clarke <brooke@...>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Wednesday, April 2, 2014 2:45 PM
> *Subject:* Re: [transworld_radio] PRC-1088 antenna?
>
> Hi Dennis:
>

> All these various military tape and whip antennas do no contain any electrical circuits. But . . . some radios, the
> PRC-25 and PRC-77 for example, have a switch at the bottom of the antenna female threads that's activated by a plunger.
> When the AT-271 antenna is connected by means of the AB-591 the plunger activates the antenna matching switch. When no
> whip is connected to the antenna terminal the output is 50 Ohms on the BNC connector, but when a whip is installed the
> matching circuit for that whip is in the circuit.
>
> If the PRC-1088 will work with the AT-892 then it has 5/16-24 threads because both the AT-892 and the Part/Of AT-892
> goose-neck base only use that thread.
>
> To use the AT-271 you also need to have a base.
> There are different bases for different radios, see the table on the TWA web page.
> The AB-591 adapts the AT-271 to radios that have an antenna matching switch that needs to be activated when the AT-271
> is used and not activated when a 50 Ohm antenna is connected to the BNC antenna out connector. The AB-129 and
> A3191126-1 <http://www.prc68.com/I/Images/sincgars_Abase.jpg> (Sincgars) bases do not have the plunger. But since the
> only base that has 5/16-24 threads is the AB-591 then it's probable that the PRC-1088 uses a switch to select whip
> matching or 50 Ohm output.
>
> For more on this see my Tape Whip Adapter web page:
> http://www.prc68.com/P/TWA.html#TMA
> and
> http://www.prc68.com/I/AT271.shtml#Bases
>
> Have Fun,
>
> Brooke Clarke, N6GCE
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> Dennis wrote:
> >
> >
> > I wonder if that is simply a mechanical adapter rather than containing any electronics(caps/coils/etc)?
> >
> > Dennis Starks
> > Military-Radio-Guy
> > KBØSFP
> > HFpack/Milpack, Monitor all:
> > 3996usb, 5357usb, 7296usb,
> > 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
> >

> > ----------
> > *From:* Alex J Rokowetz <belarok@...>
> > *To:* "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
> > *Sent:* Wednesday, April 2, 2014 7:47 AM
> > *Subject:* Re: [transworld_radio] PRC-1088 antenna?
> >
> >
> >
> > Using the 1999 Datron catalog as a guide, Section 9 says that either the AT-271 or AT892 antennas may be used IF
> > the broadband adapter is attached top the base of the antenna.
> >
> > ----------
> > *From:* Dennis <spike.dennis@...>
> > *To:* "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
> > *Sent:* Wednesday, April 2, 2014 8:19 AM
> > *Subject:* [transworld_radio] PRC-1088 antenna?
> >
> > Does the PRC-1088 use an antenna that is peculiar to it & Datron? Or, will it use an antenna that is a standard in
> > the industry & common to other radios? If so, which ones?
> > Dennis Starks
> > Military-Radio-Guy
> > KBØSFP
> > HFpack/Milpack, Monitor all:
> > 3996usb, 5357usb, 7296usb,
> > 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
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1044. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 20:09:19 UTC
From: Dennis
Topic: 1037 Message: 1044

>adapter which is required to connect the AT892 or AT271 antennas. I >could be wrong but I am not sure how an AT892 or AB591/AT271 antenna >would be connected without the adapter. Am I missing something?

The AT-892 has been in use the world over sense 1964. So they will most likely already exist in any prospective clients inventory. With the adoption of the PRC-119 in the 90's the AT-892 became obsolete, and the AS-3683 became the current standard. The PRC-1088 appears to have the same connection as the PRC-119, -117 & numerous others.

It appears to me that Datron simply made this adapter available to allow the use of a common antenna that already exist the world over. Harris made a similar adapter for their radios too.

Indeed I have quite a number of AT-892 antennas & none of the AS-3683 so the adpater would be the way for me to go too. But I ain't got one.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1045. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-02 20:22:04 UTC
From: Dennis
Topic: 1037 Message: 1045

> All these various military tape and whip antennas do no contain any electrical circuits.

Actually that's not entirely true, especially with Transworld. For instance, their longwire adapter which appears to be just a method to attach a wire to the antenna mount of a PRC-1099, in fact contains a door knob capacitor. There is a Harris adapter base for the PRC-150 which contains a coil and allows the use of a short tape antenna on a HF radio.

So when Datron refers to an item as a "broad band antenna adapter" who knows? But, from the pictures provided by Alex it appears that this adapter is as I guessed, simply a mechanical adapter to allow the use of a common(and cheep) antenna.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1046. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-03 01:25:41 UTC
From: Joseph
Topic: 1037 Message: 1046

Keep in mind that the PRC1088 was a Collins design which was sold to
Datron. I have a manual somewhere.

On 4/2/2014 9:19 AM, Dennis wrote:
> The antenna connection look the same on pictures I've been able to
> find showing the front panel of the PRC-1088, PRC-119, PRC-117.
>
> So, I wonder of this Datron component is simply a mechanical adapter
> to allow the use of the more common PRC-25/77 antenna. Otherwise the
> 1088 might use the current standard AS-3683 type antenna as used on
> the PRC-119?
>
> Dennis Starks

> Joseph Pinner + KC5IJD / NNN0PHR

1047. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-03 10:56:24 UTC
From: Alex J Rokowetz
Topic: 1037 Message: 1047

The operator manual for the PRC-1088 is uploaded to the files section of this yahoo group. The service manual exceeds Yahoo file size limits so I cannot upload it here. For those who are interested, I have placed the service manual in my box account and it can be retrieved from this link:

PRC1088 VHF Transceiver Service Manual - Dec 1998 Rev C.pdf - File Shared from Box

No login is required to access the file.

Alex
K2AJR

From: Joseph <jpinner33@...>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, April 2, 2014 9:25 PM
Subject: Re: [transworld_radio] PRC-1088 antenna?

Keep in mind that the PRC1088 was a Collins design which was sold to Datron. I have a manual somewhere.

On 4/2/2014 9:19 AM, Dennis wrote:

>The antenna connection look the same on pictures I've been able to find showing the front panel of the PRC-1088, PRC-119, PRC-117.
>
>So, I wonder of this Datron component is simply a
mechanical adapter to allow the use of the more common
PRC-25/77 antenna. Otherwise the 1088 might use the
current standard AS-3683 type antenna as used on the
PRC-119?
>
>
>
>
>Dennis Starks
>

Joseph Pinner + KC5IJD / NNN0PHR

1048. Re: [transworld_radio] PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2014-04-03 11:53:00 UTC
From: Dennis
Topic: 1037 Message: 1048

```
>Keep in mind that the PRC1088 was a Collins design which was sold to
    Datron.
------------
And now belongs to the Chinese.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
```

1049. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-04-25 21:59:19 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1049

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/PRC1077 VHF Transceiver - Operator Manual - Mar 2007, Rev C.pdf
Uploaded by : k2ajr <belarok@...>
Description : PRC1077 VHF Transceiver - Operator Manual - Mar 2007, Rev C

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/Docs/PRC1077%20VHF%20Transceiver%20-%20Operator%20Manual%20-%20Mar%202007%2C%20Rev%20C.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k2ajr <belarok@...>

1050. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-04-25 21:59:47 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1050

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/PRC1077 VHF Transceiver - Service Manual - Sep 1993, Rev K1.pdf
Uploaded by : k2ajr <belarok@...>
Description : PRC1077 VHF Transceiver - Service Manual - Sep 1993, Rev K1

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/Docs/PRC1077%20VHF%20Transceiver%20-%20Service%20Manual%20-%20Sep%201993%2C%20Rev%20K1.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k2ajr <belarok@...>

1051. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-04-25 22:00:06 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1051

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/PRC1077 VHF Transceiver - Technical Manual - Jun 1991.pdf
Uploaded by : k2ajr <belarok@...>
Description : PRC1077 VHF Transceiver - Technical Manual - Jun 1991

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/Docs/PRC1077%20VHF%20Transceiver%20-%20Technical%20Manual%20-%20Jun%201991.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k2ajr <belarok@...>

1052. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-04-30 19:11:10 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1052

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Docs/RAT1000 Automatic Tuner - Technical Manual, March 1987.pdf
Uploaded by : k2ajr <belarok@...>
Description : RAT1000 Automatic Antenna Tuner - Technical Manual - March, 1987

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/Docs/RAT1000%20Automatic%20Tuner%20-%20Technical%20Manual%2C%20March%201987.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k2ajr <belarok@...>

1053. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-03 20:26:21 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1053

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Brochures/Datron HF Antennas.pdf
Uploaded by : k2ajr <belarok@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/Brochures/Datron%20HF%20Antennas.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k2ajr <belarok@...>

1054. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-03 20:26:29 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1054

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Brochures/NSG Datacom D9851 ALE Controller for PRC-1099 XCVR.pdf
Uploaded by : k2ajr <belarok@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/Brochures/NSG%20Datacom%20D9851%20ALE%20Controller%20for%20PRC-1099%20%20XCVR.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k2ajr <belarok@...>

1055. Brochures

Yahoo group: transworld_radio
Date: 2014-05-03 20:47:22 UTC
From: <belarok@...>
Topic: 1055 Message: 1055

Group members,

Over the years, I have acquired scanned a number of Transworld/Datron brochures to PDF format. For the benefit of the members of this group, I have uploaded 44 of these brochures to the following folder:

https://groups.yahoo.com/neo/groups/transworld_radio/files/Brochures/
https://groups.yahoo.com/neo/groups/transworld_radio/files/Brochures/

Enjoy!

Alex
K2AJR

1056. AEL HF Tranceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-21 09:12:57 UTC
From: Hartmut Mochalski
Topic: 1056 Message: 1056
Attachments: 3 described; binary payloads are missing from this source WARC

Good day,

I am a new owner of an AEL Tranceivers and enthusiastic about the device.
The channel programming i think I understood. Can I connect both devices
(Transceiver and RC)

with each other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut - DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde - Germany - http://dl7umg.darc.de
<http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.
http://www.avast.com

1057. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-21 09:39:15 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1057

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/AEL HF Tranceiver Type S_ (1).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description : Front

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%20HF%20Tranceiver%20Type%20S_%20%281%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

1058. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-21 09:40:42 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1058

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/RC - AEL HF Tranceiver Type S_ (1).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description : Remote Control

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/RC%20-%20AEL%20HF%20Tranceiver%20Type%20S_%20%281%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

1059. Re: [transworld_radio] AEL HF Tranceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-21 12:12:50 UTC
From: Alex J Rokowetz
Topic: 1056 Message: 1059

Hartmut,

The short answer is yes. Some of us are using this setup in our shacks but I think we have the radios with DB9 connectors on the rear panel as opposed to the radio you have with the Molex connector on the rear panel of the radio. We have documentation for the TW100 radio as well as the remote control head uploaded to the files section of this yahoo group in the folder titled "Docs". You will have to figure out the pinout arrangement for the interface cable as the pinout diagrams in the manuals are for radios with the DB9 connector. If I remember correctly only 3 circuits are required... TX, RX, and Ground.

Please let us know how you make out and let us you know if you have any questions.

Alex
K2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 5:12 AM
Subject: [transworld_radio] AEL HF Tranceiver Type S

Good day,

I am a new owner
of an AEL Tranceivers and enthusiastic about the device.
The channel programming i think I understood. Can I connect both devices (Transceiver and RC)
witheach other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut - DL8YBQ

Hartmut Mochalski, DL8YBQ
Member of the Military Radio Runde - Germany - http://dl7umg.darc.de
Monitor: 3678 khz LSB/USB
dl8ybq@...

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.

1060. Re: [transworld_radio] AEL HF Tranceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-21 12:55:17 UTC
From: Alex J Rokowetz
Topic: 1056 Message: 1060

After thinking about it, I want to mention that using the remote control is contingent upon your radio having the correct M9 board. These radios were sold with two different M9 boards... the M9MP which does not support remote control and the M9RC which supports remote control. I assumed you acquired both items together and if they were sold together that the correct M9 board was installed, supporting remote control.

You can tell for sure by flipping over the transceiver and removing the bottom cover. The board should be marked either M9MP or M9RC. Then you will know for sure whether your radio supports remote control. If so, it should be a simple matter of wiring up the correct interface cable.

Alex
K2AJR

From: "Alex J Rokowetz belarok@yahoo.com [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, May 21, 2014 8:12 AM
Subject: Re: [transworld_radio] AEL HF Tranceiver Type S

Hartmut,

The short answer is yes. Some of us are using this setup in our shacks but I think we have the radios with DB9 connectors on the rear panel as opposed to the radio you have with the Molex connector on the rear panel of the radio. We have documentation for the TW100 radio as well as the remote control head uploaded to the files section of this yahoo group in the folder titled "Docs". You will have to figure out the pinout arrangement for the interface cable as the pinout diagrams in the manuals are for radios with the DB9 connector. If I remember correctly only 3 circuits are required... TX, RX, and Ground.

Please let us know how you make out and let us you know if you have any questions.

Alex
K2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 5:12 AM
Subject: [transworld_radio] AEL HF Tranceiver Type S

Good day,

I am a new owner
of an AEL Tranceivers and enthusiastic about the device.

The channel programming i think I understood. Can I connect both devices (Transceiver and RC)
witheach other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut – DL8YBQ

Hartmut Mochalski, DL8YBQ
Member of the Military Radio Runde – Germany – http://dl7umg.darc.de
Monitor: 3678 khz LSB/USB
dl8ybq@...

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.

1061. AW: [transworld_radio] AEL HF Tranceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-21 14:25:58 UTC
From: Hartmut Mochalski
Topic: 1056 Message: 1061
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Alex,

thanks for the Information. A Picture from the Buttonview is annexed.

Which Board you mean? Thats on the Picture?

73 de Hartmut ☐ DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de
<http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Gesendet: Mittwoch, 21. Mai 2014 14:55
An: transworld_radio@yahoogroups.com
Betreff: Re: [transworld_radio] AEL HF Tranceiver Type S

After thinking about it, I want to mention that using the remote control is contingent upon your radio having the correct M9 board. These radios were sold with two different M9 boards... the M9MP which does not support remote control and the M9RC which supports remote control. I assumed you acquired both items together and if they were sold together that the correct M9 board was installed, supporting remote control.

You can tell for sure by flipping over the transceiver and removing the bottom cover. The board should be marked either M9MP or M9RC. Then you will know for sure whether your radio supports remote control. If so, it should be a simple matter of wiring up the correct interface cable.

Alex

K2AJR

From: "Alex J Rokowetz belarok@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, May 21, 2014 8:12 AM
Subject: Re: [transworld_radio] AEL HF Tranceiver Type S

Hartmut,

The short answer is yes. Some of us are using this setup in our shacks but I think we have the radios with DB9 connectors on the rear panel as opposed to the radio you have with the Molex connector on the rear panel of the radio. We have documentation for the TW100 radio as well as the remote control head uploaded to the files section of this yahoo group in the folder titled "Docs". You will have to figure out the pinout arrangement for the interface cable as the pinout diagrams in the manuals are for radios with the DB9 connector. If I remember correctly only 3 circuits are required... TX, RX, and Ground.

Please let us know how you make out and let us you know if you have any questions.

Alex

K2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 5:12 AM
Subject: [transworld_radio] AEL HF Tranceiver Type S

Good day,

I am a new owner of an AEL Tranceivers and enthusiastic about the device. The channel programming i think I understood. Can I connect both devices (Transceiver and RC)

with each other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut ☐ DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de <http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

<http://www.avast.com/>

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus
<http://www.avast.com/> Schutz ist aktiv.

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.
http://www.avast.com

1062. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-21 14:28:21 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1062

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/AEL HF Tranceiver Type S_ (4).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%20HF%20Tranceiver%20Type%20S_%20%284%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

1063. Re: AW: [transworld_radio] AEL HF Tranceiver Type S [1 Attachment]

Yahoo group: transworld_radio
Date: 2014-05-21 14:32:48 UTC
From: Alex J Rokowetz
Topic: 1056 Message: 1063

No, the attached picture depicts the M7 board which is the RF Filter and Switching board. The board next to it is the M9 board. Please post a picture of that board.

Alex
k2AJR

_____
From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 10:25 AM
Subject: AW: [transworld_radio] AEL HF Tranceiver Type S [1 Attachment]

[Attachment(s) from Hartmut Mochalski included below]
Hello Alex,

thanks for the Information.
A Picture from the Buttonview is annexed.
Which Board you mean? Thats
on the Picture?

73 de Hartmut - DL8YBQ

Hartmut Mochalski, DL8YBQ
Member of the Military Radio Runde - Germany - http://dl7umg.darc.de
Monitor: 3678 khz LSB/USB
dl8ybq@...

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com[mailto:transworld_radio@yahoogroups.com]
Gesendet: Mittwoch, 21. Mai 2014
14:55
An: transworld_radio@yahoogroups.com
Betreff: Re: [transworld_radio]
AEL HF Tranceiver Type S

After thinking about it, I want to mention that using the remote
control is contingent upon your radio having the correct M9 board. These
radios were sold with two different M9 boards... the M9MP which does not
support remote control and the M9RC which supports remote control. I
assumed you acquired both items together and if they were sold together that
the correct M9 board was installed, supporting remote control.

You
can tell for sure by flipping over the transceiver and removing the bottom
cover. The board should be marked either M9MP or M9RC. Then you
will know for sure whether your radio supports remote control. If so, it

should be a simple matter of wiring up the correct interface cable.

Alex
K2AJR

From:"Alex J Rokowetz belarok@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com"
<transworld_radio@yahoogroups.com>
Sent: Wednesday, May 21, 2014 8:12
AM
Subject: Re: [transworld_radio]
AEL HF Tranceiver Type S

Hartmut,

The
short answer is yes. Some of us are using this setup in our shacks but I
think we have the radios with DB9 connectors on the rear panel as opposed to
the radio you have with the Molex connector on the rear panel of the
radio. We have documentation for the TW100 radio as well as the remote
control head uploaded to the files section of this yahoo group in the folder
titled "Docs". You will have to figure out the pinout
arrangement for the interface cable as the pinout diagrams in the manuals are
for radios with the DB9 connector. If I remember correctly only 3
circuits are required... TX, RX, and Ground.

Please
let us know how you make out and let us you know if you have any questions.

Alex
K2AJR

From:"'Hartmut
Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 5:12
AM
Subject: [transworld_radio] AEL HF
Tranceiver Type S

Good day,

I am a new owner of an AEL Tranceivers and
enthusiastic about the device.
The channel programming
i think I understood. Can I connect both
devices (Transceiver and RC)

witheach other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut - DL8YBQ

Hartmut Mochalski, DL8YBQ
Member of the Military Radio Runde - Germany - http://dl7umg.darc.de
Monitor: 3678 khz LSB/USB
dl8ybq@...

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.

1064. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-21 14:37:18 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1064

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/RC - AEL HF Tranceiver Type S_ (3).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/RC%20-%20AEL%20HF%20Tranceiver%20Type%20S_%20%283%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

1065. AW: AW: [transworld_radio] AEL HF Tranceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-21 14:44:23 UTC
From: Hartmut Mochalski
Topic: 1056 Message: 1065
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Aley,

there is only a Matrix for the Channelprogrammin.

Hartmut

DL8YBQ

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Gesendet: Mittwoch, 21. Mai 2014 16:33
An: transworld_radio@yahoogroups.com
Betreff: Re: AW: [transworld_radio] AEL HF Tranceiver Type S

No, the attached picture depicts the M7 board which is the RF Filter and
Switching board. The board next to it is the M9 board. Please post a
picture of that board.

Alex

k2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 10:25 AM
Subject: AW: [transworld_radio] AEL HF Tranceiver Type S [1 Attachment]

[<https://us-mg0.mail.yahoo.com/neo/launch?.rand=2eq5segngnm6k#TopText>
Attachment(s) from Hartmut Mochalski included below]

Hello Alex,

thanks for the Information. A Picture from the Buttonview is annexed.

Which Board you mean? Thats on the Picture?

73 de Hartmut ☐ DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de
<http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Gesendet: Mittwoch, 21. Mai 2014 14:55
An: transworld_radio@yahoogroups.com
Betreff: Re: [transworld_radio] AEL HF Tranceiver Type S

After thinking about it, I want to mention that using the remote control is contingent upon your radio having the correct M9 board. These radios were sold with two different M9 boards... the M9MP which does not support remote control and the M9RC which supports remote control. I assumed you acquired both items together and if they were sold together that the correct M9 board was installed, supporting remote control.

You can tell for sure by flipping over the transceiver and removing the bottom cover. The board should be marked either M9MP or M9RC. Then you will know for sure whether your radio supports remote control. If so, it should be a simple matter of wiring up the correct interface cable.

Alex

K2AJR

From: "Alex J Rokowetz belarok@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, May 21, 2014 8:12 AM
Subject: Re: [transworld_radio] AEL HF Tranceiver Type S

Hartmut,

The short answer is yes. Some of us are using this setup in our shacks but I think we have the radios with DB9 connectors on the rear panel as opposed to the radio you have with the Molex connector on the rear panel of the radio. We have documentation for the TW100 radio as well as the remote control head uploaded to the files section of this yahoo group in the folder titled "Docs". You will have to figure out the pinout arrangement for the interface cable as the pinout diagrams in the manuals are for radios with the DB9 connector. If I remember correctly only 3 circuits are required... TX, RX, and Ground.

Please let us know how you make out and let us you know if you have any questions.

Alex

K2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 5:12 AM
Subject: [transworld_radio] AEL HF Tranceiver Type S

Good day,

I am a new owner of an AEL Tranceivers and enthusiastic about the device.
The channel programming i think I understood. Can I connect both devices
(Transceiver and RC)

with each other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut ☐ DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de
<http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

<http://www.avast.com/>

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus
<http://www.avast.com/> Schutz ist aktiv.

<http://www.avast.com/>

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http://www.avast.com

1066. Re: AW: [transworld_radio] AEL HF Tranceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-21 15:01:16 UTC
From: Alex J Rokowetz
Topic: 1056 Message: 1066

I apologize, apparently I couldn't see the entire photo in the email but now see the entire photo as shown in the attachments section of this yahoo group. This radio has a diode matrix located where the M9 board usually is on the standard model TW100. I should have noticed that from the get go. Apparently, I need a bit more coffee this morning.

If you got the radio and remote head together it's probably a safe bet that the radio supports remote control. I don't think we have documentation for the exact model radio you have, the TW100S. I would review the documentation we do have posted for the TW100 model and trace out the TX and RX circuits to the rear panel accessory connector on your radio and wire up an interface cable and see what you get.

Let us know how you make out.

Anyone else got any ideas or set up a TW100S with a TW5201 remote head?

Alex
K2AJR

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, May 21, 2014 10:32 AM
Subject: Re: AW: [transworld_radio] AEL HF Tranceiver Type S

No, the attached picture depicts the M7 board which is the RF Filter and Switching board. The board next to it is the M9 board. Please post a picture of that board.

Alex
k2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 10:25 AM
Subject: AW: [transworld_radio] AEL HF Tranceiver Type S [1 Attachment]

[Attachment(s) from Hartmut Mochalski included below]
Hello Alex,

thanks for the Information.
A Picture from the Buttonview is annexed.
Which Board you mean? Thats
on the Picture?

73 de Hartmut - DL8YBQ

Hartmut Mochalski, DL8YBQ
Member of the Military Radio Runde - Germany - http://dl7umg.darc.de

Monitor: 3678 khz LSB/USB
dl8ybq@...

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com[mailto:transworld_radio@yahoogroups.com]
Gesendet: Mittwoch, 21. Mai 2014
14:55
An: transworld_radio@yahoogroups.com
Betreff: Re: [transworld_radio]
AEL HF Tranceiver Type S

After thinking about it, I want to mention that using the remote control is contingent upon your radio having the correct M9 board. These radios were sold with two different M9 boards... the M9MP which does not support remote control and the M9RC which supports remote control. I assumed you acquired both items together and if they were sold together that the correct M9 board was installed, supporting remote control.

You can tell for sure by flipping over the transceiver and removing the bottom cover. The board should be marked either M9MP or M9RC. Then you will know for sure whether your radio supports remote control. If so, it should be a simple matter of wiring up the correct interface cable.

Alex
K2AJR

From:"Alex J Rokowetz belarok@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com"
<transworld_radio@yahoogroups.com>
Sent: Wednesday, May 21, 2014 8:12
AM
Subject: Re: [transworld_radio]
AEL HF Tranceiver Type S

Hartmut,

The short answer is yes. Some of us are using this setup in our shacks but I think we have the radios with DB9 connectors on the rear panel as opposed to the radio you have with the Molex connector on the rear panel of the radio. We have documentation for the TW100 radio as well as the remote control head uploaded to the files section of this yahoo group in the folder titled "Docs". You will have to figure out the pinout arrangement for the interface cable as the pinout diagrams in the manuals are for radios with the DB9 connector. If I remember correctly only 3 circuits are required... TX, RX, and Ground.

Please
let us know how you make out and let us you know if you have any questions.

Alex
K2AJR

From:"'Hartmut
Mochalski' dl8ybq@web.de [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 5:12
AM
Subject: [transworld_radio] AEL HF
Tranceiver Type S

Good day,

I am a new owner of an AEL Tranceivers and
enthusiastic about the device.
The channel programming
i think I understood. Can I connect both
devices (Transceiver and RC)
witheach other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut - DL8YBQ

Hartmut Mochalski, DL8YBQ
Member of the Military Radio Runde - Germany - http://dl7umg.darc.de
Monitor: 3678 khz LSB/USB
dl8ybq@...

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.

1067. AW: AW: [transworld_radio] AEL HF Tranceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-21 20:49:37 UTC
From: Hartmut Mochalski
Topic: 1056 Message: 1067
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Group, hello Alex,

there is a RC Connector on the Board. Any Idear?

73 from Germany

Hartmut

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de
<http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Gesendet: Mittwoch, 21. Mai 2014 17:01
An: transworld_radio@yahoogroups.com
Betreff: Re: AW: [transworld_radio] AEL HF Tranceiver Type S

I apologize, apparently I couldn't see the entire photo in the email but now see the entire photo as shown in the attachments section of this yahoo group. This radio has a diode matrix located where the M9 board usually is on the standard model TW100. I should have noticed that from the get go. Apparently, I need a bit more coffee this morning.

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Let us know how you make out.

Anyone else got any ideas or set up a TW100S with a TW5201 remote head?

Alex

K2AJR

From: "Alex J Rokowetz belarok@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>

Sent: Wednesday, May 21, 2014 10:32 AM
Subject: Re: AW: [transworld_radio] AEL HF Tranceiver Type S

No, the attached picture depicts the M7 board which is the RF Filter and Switching board. The board next to it is the M9 board. Please post a picture of that board.

Alex

k2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 10:25 AM
Subject: AW: [transworld_radio] AEL HF Tranceiver Type S [1 Attachment]

[<https://us-mg0.mail.yahoo.com/neo/launch?.rand=2eq5segngnm6k#TopText> Attachment(s) from Hartmut Mochalski included below]

Hello Alex,

thanks for the Information. A Picture from the Buttonview is annexed.

Which Board you mean? Thats on the Picture?

73 de Hartmut ☐ DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de <http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Gesendet: Mittwoch, 21. Mai 2014 14:55
An: transworld_radio@yahoogroups.com
Betreff: Re: [transworld_radio] AEL HF Tranceiver Type S

After thinking about it, I want to mention that using the remote control is contingent upon your radio having the correct M9 board. These radios were sold with two different M9 boards... the M9MP which does not support remote control and the M9RC which supports remote control. I assumed you acquired both items together and if they were sold together that the correct M9 board was installed, supporting remote control.

You can tell for sure by flipping over the transceiver and removing the bottom cover. The board should be marked either M9MP or M9RC. Then you will know for sure whether your radio supports remote control. If so, it should be a simple matter of wiring up the correct interface cable.

Alex

K2AJR

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, May 21, 2014 8:12 AM
Subject: Re: [transworld_radio] AEL HF Tranceiver Type S

Hartmut,

The short answer is yes. Some of us are using this setup in our shacks but I think we have the radios with DB9 connectors on the rear panel as opposed to the radio you have with the Molex connector on the rear panel of the radio. We have documentation for the TW100 radio as well as the remote control head uploaded to the files section of this yahoo group in the folder titled "Docs". You will have to figure out the pinout arrangement for the interface cable as the pinout diagrams in the manuals are for radios with the DB9 connector. If I remember correctly only 3 circuits are required... TX, RX, and Ground.

Please let us know how you make out and let us you know if you have any questions.

Alex

K2AJR

From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, May 21, 2014 5:12 AM
Subject: [transworld_radio] AEL HF Tranceiver Type S

Good day,

I am a new owner of an AEL Tranceivers and enthusiastic about the device. The channel programming i think I understood. Can I connect both devices (Transceiver and RC)

with each other? I am grateful for any information.

Front:

Backside:

Remote Control:

VY 73 de Hartmut ☐ DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de
<http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

<http://www.avast.com/>

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<http://www.avast.com/> Schutz ist aktiv.

<http://www.avast.com/>

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<http://www.avast.com/> Schutz ist aktiv.

Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.
http://www.avast.com

1068. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-22 06:49:41 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1068

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/AEL HF Transceiver Type S Channelmatrix (16).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%20HF%20Transceiver%20Type%20S%20Channelmatrix%20%2816%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

1069. Re: [transworld_radio] New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-22 09:42:47 UTC
From: Alex J Rokowetz
Topic: 200 Message: 1069

Hartmut,

This photo is great. Have traced out the wiring that connects to the remote pins on the frequency matrix board? Does the wiring connect to the accessory connector on the rear panel of the radio?

FYI, I pulled out my TW100S this morning but have no wiring on those pins. My radio did not come with a remote head.

Alex
K2AJR

From: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, May 22, 2014 2:49 AM
Subject: [transworld_radio] New file uploaded to transworld_radio

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/AEL HF Transceiver Type S Channelmatrix (16).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%20HF%20Transceiver%20Type%20S%20Channelmatrix%20%2816%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

1070. AW: [transworld_radio] New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-22 15:44:54 UTC
From: Hartmut Mochalski
Topic: 200 Message: 1070
Attachments: 1 described; binary payloads are missing from this source WARC

Hello Alex,

the wiring in the pdf.

Hartmut

DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de
<http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@web.de

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Gesendet: Donnerstag, 22. Mai 2014 11:43
An: transworld_radio@yahoogroups.com
Betreff: Re: [transworld_radio] New file uploaded to transworld_radio

Hartmut,

This photo is great. Have traced out the wiring that connects to the remote
pins on the frequency matrix board? Does the wiring connect to the
accessory connector on the rear panel of the radio?

FYI, I pulled out my TW100S this morning but have no wiring on those pins.
My radio did not come with a remote head.

Alex

K2AJR

From: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, May 22, 2014 2:49 AM
Subject: [transworld_radio] New file uploaded to transworld_radio

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/AEL HF Transceiver Type S Channelmatrix (16).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%20HF%20Transceiver%20Type%20S%20Channelmatrix%20%2816%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

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http://www.avast.com

1071. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-05-22 15:48:11 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1071

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /AEL HF-Tranceiver TYPE S/AEL Syntheszied HF Transceiver Type S RC.pdf.pdf
Uploaded by : j.aeger90 <dl8ybq@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%20Syntheszied%20HF%20Transceiver%20Type%20S%20RC.pdf.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

1072. Fw: [milpack] Check your QRZ information.

Yahoo group: transworld_radio
Date: 2014-05-22 23:38:16 UTC
From: Dennis
Topic: 1072 Message: 1072

```
>
>
>Insure that your QRZ page is operational and that you can access the bio & detail tabs.
Many have been corrupted by a recent server update. See the below. If it not working,
notify QRZ. Spread the word.
>
>"Your QRZ page has been restored from a backup copy.  Our server recently
had a database upgrade and a few bios were not copied properly. We
apologize for the inconvenience and hope that everything is OK now.   73  QRZ"
>
>Dennis Starks
>Military-Radio-Guy
>KBØSFP
>HFpack/Milpack, Monitor all:
>3996usb, 5357usb, 7296usb,
>14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
>
>
```

1073. TW100 Power settings

Yahoo group: transworld_radio
Date: 2014-05-23 13:16:37 UTC
From: ajmazuch@...
Topic: 1073 Message: 1073

I thought I found the programming scheme for lowering the output power but I sure can't find it now. I need to lower output to use AL811 amp. Anyone have the info??

thanks
John

1074. Re: [transworld_radio] TW100 Power settings

Yahoo group: transworld_radio
Date: 2014-05-23 13:52:39 UTC
From: Alex J Rokowetz
Topic: 1073 Message: 1074

John,

See Section 10.7.2 of either of the following service manuals:

https://app.box.com/s/x7kvzacgap6rf3anmxp6

https://app.box.com/s/gtptfn37me8034dcbcom

Alex
K2AJR

From: "ajmazuch@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@...m
Sent: Friday, May 23, 2014 9:16 AM
Subject: [transworld_radio] TW100 Power settings

I thought I found the programming scheme for lowering the output power but I sure can't find it now. I need to lower output to use AL811 amp. Anyone have the info??

thanks
John

1075. Transworld TW2000s

Yahoo group: transworld_radio
Date: 2014-05-23 14:09:37 UTC
From: a1elg1@...
Topic: 1075 Message: 1075

Hello Friends, I recently got a used but in very great shape Transworld TW2000s hf ssb transceiver, but I don´t have much information about this Little rig, it has 10 fixed channels, Volume and Schelch control, SSB modes and nothing more. Any info about how to program will be appreciated, Thanks a lot! Ed - OA4BSA.
P.d. I can upload some pictures to improve the picture gallery.

1076. Re: [transworld_radio] TW100 Power settings

Yahoo group: transworld_radio
Date: 2014-05-23 14:14:50 UTC
From: Dennis
Topic: 1073 Message: 1076

Turn down the ALC pot. Located on the low pass filter board, towards the front, right side.

It will adjust the radio down to about 50 watts.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

>_____
> From: "ajmazuch@... [transworld_radio]" <transworld_radio@yahoogroups.com>
>To: transworld_radio@yahoogroups.com
>Sent: Friday, May 23, 2014 8:16 AM
>Subject: [transworld_radio] TW100 Power settings
>
>
>
>
>
>
>I thought I found the programming scheme for lowering the output power but I sure can't find it now. I need to lower output to use AL811 amp. Anyone have the info??
>
>thanks
>John
>
>
>
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>
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>

1077. New Insights?

Yahoo group: transworld_radio
Date: 2014-05-27 07:09:03 UTC
From: Hartmut Mochalski
Topic: 200 Message: 1077

Hi Alex,

could you gain new insights? Do you have the page 34 of the channel programming guide?

From where can i get a Mikrofon Connector?

73 de Hartmut ☐ DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde ☐ Germany ☐ http://dl7umg.darc.de <http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

-----Ursprüngliche Nachricht-----
Von: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Gesendet: Donnerstag, 22. Mai 2014 11:43
An: transworld_radio@yahoogroups.com
Betreff: Re: [transworld_radio] New file uploaded to transworld_radio

Hartmut,

This photo is great. Have traced out the wiring that connects to the remote pins on the frequency matrix board? Does the wiring connect to the accessory connector on the rear panel of the radio?

FYI, I pulled out my TW100S this morning but have no wiring on those pins. My radio did not come with a remote head.

Alex

K2AJR

From: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, May 22, 2014 2:49 AM
Subject: [transworld_radio] New file uploaded to transworld_radio

Hello,

This email message is a notification to let you know that a file has been uploaded to the Files area of the transworld_radio group.

File : /AEL HF-Tranceiver TYPE S/AEL HF Transceiver Type S Channelmatrix (16).jpg
Uploaded by : j.aeger90 <dl8ybq@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%20HF%20Transceiver%20Type%20S%20Channelmatrix%20%2816%29.jpg

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

j.aeger90 <dl8ybq@...>

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http://www.avast.com

1078. Re: [transworld_radio] New Insights?

Yahoo group: transworld_radio
Date: 2014-05-27 11:34:14 UTC
From: Dennis
Topic: 200 Message: 1078

The mic connector is available from Fair Radio.
Fair Radio Sales Company, Inc. - Catalog

Fair Radio Sales Company, Inc. - Catalog
80-176 4 Pin male microphone connector fit Transworld transmitters and Tram D201A. Unused
Quantity Price 1 or more $5.00 each 5 or more &nbs...
View on www.fairradio.com Preview by Yahoo

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

>_____
> From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, May 27, 2014 2:09 AM
>Subject: [transworld_radio] New Insights?
>
>
>
>
>
>
>
>Hi Alex,
>
>couldyou gain new insights? Do
you have the page 34 of the channel programming
guide?
>From where can i get a Mikrofon Connector?
>
>73 de Hartmut – DL8YBQ
>
>Hartmut Mochalski, DL8YBQ
>Member of the Military Radio Runde – Germany – http://dl7umg.darc.de
>Monitor: 3678 khz LSB/USB
>dl8ybq@...
>
>
>
>
>-----Ursprüngliche Nachricht-----

>Von: transworld_radio@yahoogroups.com[mailto:transworld_radio@yahoogroups.com]
>Gesendet: Donnerstag, 22. Mai 2014
11:43
>An: transworld_radio@yahoogroups.com
>Betreff: Re: [transworld_radio]
New file uploaded to transworld_radio
>
>
>Hartmut,
>
>This
photo is great. Have traced out the wiring that connects to the
remote pins on the frequency matrix board? Does the wiring connect to the
accessory connector on the rear panel of the radio?
>
>FYI,
I pulled out my TW100S this morning but have no wiring on those pins. My radio
did not come with a remote head.
>
>Alex
>K2AJR
>
>From:"transworld_radio@yahoogroups.com"
<transworld_radio@yahoogroups.com>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, May 22, 2014 2:49
AM
>Subject: [transworld_radio] New
file uploaded to transworld_radio
>
>
>
>Hello,
>
>This email message is a notification to let you know that
>a file has been uploaded to the Files area of the transworld_radio
>group.
>
>File : /AEL HF-Tranceiver TYPE S/AEL HF Transceiver Type S Channelmatrix
(16).jpg
>Uploaded by : j.aeger90 <dl8ybq@...>
>Description :
>
>You can access this file at the URL:
>https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%
20HF%20Transceiver%20Type%20S%20Channelmatrix%20%2816%29.jpg
>
>To learn more about file sharing for your group, please visit:
>https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398
>

>Regards,
>
>j.aeger90 <dl8ybq@...>
>
>
>
>>_____
>
> Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.
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>

1079. Re: [transworld_radio] New Insights?

Yahoo group: transworld_radio
Date: 2014-05-27 12:04:53 UTC
From: Alex J Rokowetz
Topic: 200 Message: 1079

Hartmut,

If overseas shipping is too expensive, you can order from an electronic supplier in Europe.

The connector is manufactured by Switchcraft, manufacturer part number 09CL4M. Many distributors sell this connector. Here's a link to an inventory held by various distibutors:

http://www.switchcraft.com/Stock_Check_Simple.aspx?Part_No=09CL4MX

I would check to see if Mouser, Newark, Farnell, or DigiKey have operations in Europe and order from them. I ordered my microphone connectors from Mouser, http://mouser.com , mouser part number 502-09CL4MX

As for the page number, I think that page was missing when I got the document from Datron. I will double check when I gt home tonight.

Alex
K2AJR

_____
From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Tuesday, May 27, 2014 7:34 AM
Subject: Re: [transworld_radio] New Insights?

The mic connector is available from Fair Radio.
Fair Radio Sales Company, Inc. - Catalog

Fair Radio Sales Company, Inc. - Catalog
80-176 4 Pin male microphone connector fit Transworld transmitters and Tram D201A. Unused
Quantity Price 1 or more $5.00 each 5 or more &nbs...
View on www.fairradio.com Preview by Yahoo

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

>_____
> From: "'Hartmut Mochalski' dl8ybq@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
>To: transworld_radio@yahoogroups.com
>Sent: Tuesday, May 27, 2014 2:09 AM
>Subject: [transworld_radio] New Insights?
>

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>Hi Alex,
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>couldyou gain new insights? Do
you have the page 34 of the channel programming
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>From where can i get a Mikrofon Connector?
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>73 de Hartmut – DL8YBQ
>
>Hartmut Mochalski, DL8YBQ
>Member of the Military Radio Runde – Germany – http://dl7umg.darc.de
>Monitor: 3678 khz LSB/USB
>dl8ybq@...
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>-----Ursprüngliche Nachricht-----
>Von: transworld_radio@yahoogroups.com[mailto:transworld_radio@yahoogroups.com]
>Gesendet: Donnerstag, 22. Mai 2014
11:43
>An: transworld_radio@yahoogroups.com
>Betreff: Re: [transworld_radio]
New file uploaded to transworld_radio
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>Hartmut,
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>This
photo is great. Have traced out the wiring that connects to the
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>FYI,
I pulled out my TW100S this morning but have no wiring on those pins. My radio
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>
>Alex
>K2AJR
>
>From:"transworld_radio@yahoogroups.com"
<transworld_radio@yahoogroups.com>
>To: transworld_radio@yahoogroups.com
>Sent: Thursday, May 22, 2014 2:49
AM

>Subject: [transworld_radio] New
file uploaded to transworld_radio
>
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>Hello,
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(16).jpg
>Uploaded by : j.aeger90 <dl8ybq@...>
>Description :
>
>You can access this file at the URL:
>https://groups.yahoo.com/group/transworld_radio/files/AEL%20HF-Tranceiver%20TYPE%20S/AEL%
20HF%20Transceiver%20Type%20S%20Channelmatrix%20%2816%29.jpg
>
>To learn more about file sharing for your group, please visit:
>https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398
>
>Regards,
>
>j.aeger90 <dl8ybq@...>
>
>
>
>>_____
>
> Diese E-Mail ist frei von Viren und Malware, denn der avast! Antivirus Schutz ist aktiv.
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>

1080. TW 100: 6 section thumbwheel switch - HF Transceiver Type S

Yahoo group: transworld_radio
Date: 2014-05-30 13:04:18 UTC
From: Hartmut Mochalski
Topic: 1080 Message: 1080

Hello From Germany,

Any Information (wiring diagram)about this Version:

"C Continuous Coverage Simplex.This model has a 6 section thumbwheel switch.The frequency is entered directly on the switches.In 100Hz increments."

Hartmut, DL8YBQ

Hartmut Mochalski, DL8YBQ

Member of the Military Radio Runde - Germany - http://dl7umg.darc.de <http://dl7umg.darc.de/>

Monitor: 3678 khz LSB/USB

dl8ybq@...

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http://www.avast.com

1081. Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-06-10 17:09:09 UTC
From: Dennis
Topic: 1081 Message: 1081

I couldn't stand it. It's been over a week sense I bought another radio. So I just pulled the trigger on this one.

Transworld TW2000s HF transceiver

Transworld TW2000s HF transceiver
Used in Consumer Electronics, Radio Communication, Ham, Amateur Radio
View on www.ebay.com Preview by Yahoo

Anybody have any information on a TW2000?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1082. RE: [transworld_radio] Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-06-10 17:34:24 UTC
From: Mike Feher
Topic: 1081 Message: 1082

Hi Dennis ☐

I saw that and was tempted, but, I just recently bought a TW100 and a TW7000
and have not had a chance to do anything with them yet. Maybe when I retire,
HI. Have fun with it. 73 ☐ Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, June 10, 2014 1:09 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Transworld TW2000S

I couldn't stand it. It's been over a week sense I bought another radio. So
I just pulled the trigger on this one.

Transworld TW2000s HF transceiver
<http://www.ebay.com/itm/251548732812?ssPageName=STRK:MEWAX:BIN&_trksid=p398
4.m1423.l2650>

<http://www.ebay.com/itm/251548732812?ssPageName=STRK:MEWAX:BIN&_trksid=p398
4.m1423.l2650> image

<http://www.ebay.com/itm/251548732812?ssPageName=STRK:MEWAX:BIN&_trksid=p398
4.m1423.l2650> Transworld TW2000s HF transceiver

Used in Consumer Electronics, Radio Communication, Ham, Amateur Radio

<http://www.ebay.com/itm/251548732812?ssPageName=STRK:MEWAX:BIN&_trksid=p398
4.m1423.l2650> View on www.ebay.com

Preview by Yahoo

Anybody have any information on a TW2000?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1083. Re: [transworld_radio] Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-06-10 17:55:31 UTC
From: Alex J Rokowetz
Topic: 1081 Message: 1083

all i have is a couple of pages from a 80's catalog. I'll try to scan thos pages for you and send them alater this week.

Alex
K2AJR

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Tuesday, June 10, 2014 1:09 PM
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Transworld TW2000s HF transceiver
Used in Consumer Electronics, Radio Communication, Ham, Amateur Radio
View on www.ebay.com Preview by Yahoo

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Military-Radio-Guy
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14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1084. Re: [transworld_radio] Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-06-10 19:36:18 UTC
From: Alex J Rokowetz
Topic: 1081 Message: 1084

FYI, I purchased my TW7000 from this seller when he listed the radio for sale on this group list. It was a positive transaction.

Alex
K2AJR

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Tuesday, June 10, 2014 1:09 PM
Subject: [transworld_radio] Transworld TW2000S

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Transworld TW2000s HF transceiver

Transworld TW2000s HF transceiver
Used in Consumer Electronics, Radio Communication, Ham, Amateur Radio
View on www.ebay.com Preview by Yahoo

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Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1085. Re: [transworld_radio] Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-06-10 20:33:14 UTC
From: S C Marrow
Topic: 1081 Message: 1085

Glad to hear your feeling better...buying a new radio....a great sign.

Steve
KM4V

1086. Datron HH7700 programming cable info needed

Yahoo group: transworld_radio
Date: 2014-06-19 15:28:09 UTC
From: Brian Gieryk
Topic: 1086 Message: 1086

Hello!

Does anyone have info on building a programming cable for the Datron HH7700 handheld radio (30-88 MHz)?

Thanks in advance!

Brian
KE6IYC

1087. Demiled TW100's

Yahoo group: transworld_radio
Date: 2014-06-28 15:22:13 UTC
From: Dennis
Topic: 1087 Message: 1087

As many of you may already know I was recently the winning bidder on 4 of about 20 Transworld TW100 surplussed from the Missouri Army National Guard.

The auction text had stated "may need some repair - some fuses removed - internal battery disconnected". This really made no sense as there is only a memory battery inside the radio, and one internal, and external fuse.

The first radio I hooked up was dead. Sure enough the internal fuse had been pulled. I replaced it, did a preliminary check, documented it's very minor failings and grabbed the next.

The second radio worked right off the bat. It had a slight hum in transmit, and low RF output so I opened it up. I found that the ground wire on the large filter capacitor in the power supply had been unhooked. Well crap!

When I went to pick these up, the officer in charge of the auction was off base and an underling assisted me in finding & loading the radios. She mumbled to me that he(the officer in charge) had been in a quandaryabout "doing something to them".He didn't know if he should or not. Apparently he decided that he should. So he opened each radio and unhooked what looked to him like a big battery.

By the time he got half way through the big pile of radios he must have been getting tired. He started out pulling the fuse, and unhooking both wires on the capacitor. These wires are screw connected in a tight spot. He even went to the trouble of putting the screws back in the capacitor. By the time he got done he reduced the demil process to just unhooking the ground wire from the capacitor & he wasn't even pulling the fuses any more.

As it turned out. All the TW100 I won, work perfectly.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1088. Re: [transworld_radio] Demiled TW100's

Yahoo group: transworld_radio
Date: 2014-06-28 17:13:31 UTC
From: John's Business Accnt.
Topic: 1087 Message: 1088

Not surprised, great radio. I installed a coin battery holder in mine (plenty of room for this) purchased from Mouser Elec. and a new coin cell.
Hope yours have both USB and LSB filter crystals in them. Wish mine had the noise blanker. I have the internal
AC supply but run mine off DC, since I have solar power here. The 12V connector and pins are also available at Mouser. They are odd size Not .093
but, larger.
Keyboards still available from Newark in One.
Latest versions ow in the dark.

Good luck!

John
WB6DAX

Good luck!

Sent from my iPhone

On Jun 28, 2014, at 8:22 AM, "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

As many of you may already know I was recently the winning bidder on 4 of about 20 Transworld TW100 surplussed from the Missouri Army National Guard.

The auction text had stated "may need some repair - some fuses removed - internal battery disconnected". This really made no sense as there is only a memory battery inside the radio, and one internal, and external fuse.

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As it turned out. All the TW100 I won, work perfectly.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1089. Re: [transworld_radio] Demiled TW100's

Yahoo group: transworld_radio
Date: 2014-06-28 17:39:21 UTC
From: Dennis
Topic: 1087 Message: 1089

>I installed a coin battery holder in mine

There was no need. He who was demilling the radios thought that the capacitor he was unhooking was a battery.

>Hope yours have both USB and LSB filter crystals in them.

Though I have seen some radios that did not have LSB, I have never seen one that didn't have the LSB filter. Every TW100 I have ever seen, or heard of(and thats a bunch) has the LSB filter in it. Those radios that will not function on LSB are unable to because the control wire that selects the LSB filter is not connected and is folded back in the wire loom where it's near impossible to see.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1090. Interview with Datron CEO

Yahoo group: transworld_radio
Date: 2014-07-06 16:38:53 UTC
From: Alex J Rokowetz
Topic: 1090 Message: 1090

A couple of year old interview with Datron CEO, Arthur Barter:

http://www.miltechmag.com/2012/10/datron-interview-with-arthur-barter-ceo.html

Alex
K2AJR

1091. Re: [transworld_radio] Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-07-08 14:51:11 UTC
From: Dennis
Topic: 1081 Message: 1091

Bad news and good news on the TW2000S

Bad news first. Though the ebay seller in Peru,
a1elg, Eduardo Leiva OA4BSA, described the radio as working, it was not. I had to open a case to get a partial refund(still pending).

The good news. Scott at American Milspec had a manual for it for only $6.00 so all is not lost.

The TW2000 was produced in two basic versions, the TW2000 which was crystal control(Scott still has the manual for this one), and the TW2000S which was synthesize with a up to 10 pre-programmed channels. Power levels were available from special order 20 watt, up to 150. It appears this one was possibly a 50 watt version as it has MRF-433 transistors in the PA.

I purchased this radio knowing that I may never find the software to be able to program it, thinking that at worse case I'd use the RF/PA board & low pass filter as an amp for a QRP project. But that's not to be either as I suspect the output transistors are bad & not cost effective to replace.

Anyway, back to the story, it appears these things had their programming software built-in! All you needed was a dumb terminal software for your computer, plug in the radio, and it did everything else. I've yet to try it, but I think I will in the next few days.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

>
>I couldn't stand it. It's been over a week sense I bought another radio. So I just pulled the trigger on this one.
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>View on www.ebay.com Preview by Yahoo
>
>
>

1092. Re: Demiled TW100's

Yahoo group: transworld_radio
Date: 2014-07-12 16:30:59 UTC
From: tenn404mogger@...
Topic: 1087 Message: 1092

John, I may need a new keypad for mine. Are the Newark keypads a direct substitute? Do they have the "C" and "F" keys? Would you have a Newark part number handy? I have searched their keypads and number pads and have not found anything similar.

Thanks,

Bob WB4ETT

1093. Re: [transworld_radio] Re: Demiled TW100's

Yahoo group: transworld_radio
Date: 2014-07-12 17:15:29 UTC
From: Robert Nickels
Topic: 1087 Message: 1093

On 7/12/2014 11:30 AM, tenn404mogger@... [transworld_radio] wrote:
> I have searched their keypads and number pads and have not found
> anything similar.

Bob,

The original supplier of the TW-100 keypad was Grayhill, and I'm sure it was a standard series 83 part. Based on the spec sheet (which I'm sending you via email), the part number to look for is 83AB1-101. This is a 3x4 matrix-coded keypad with keytops that accept insertable legends. If you can find one you should be able to snap off the keytops and swap legends from the original keypad.

These are still production parts at around $21 each, but there's a minimum order quantity of 100 pcs. I didn't see any sources in a quick Google search who had single pieces available. Your best bet is probably to contact Grayhill and see if they might be able to suggest a distributor who would might have a few in stock.

73, Bob W9RAN

1094. Re: [transworld_radio] Re: Demiled TW100's

Yahoo group: transworld_radio
Date: 2014-07-12 21:59:17 UTC
From: John's Business Accnt.
Topic: 1087 Message: 1094

They should be the same in a 3X4
but, they will not have the C and F keys. You will need to remove the ones from yours or, get a letter set for the keypad. Call them and ask is the best policy.

Sent from my iPhone

On Jul 12, 2014, at 9:30 AM, "tenn404mogger@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

John, I may need a new keypad for mine. Are the Newark keypads a direct substitute? Do they have the "C" and "F" keys? Would you have a Newark part number handy? I have searched their keypads and number pads and have not found anything similar.

Thanks,

Bob WB4ETT

1095. Re: [transworld_radio] Re: Demiled TW100's

Yahoo group: transworld_radio
Date: 2014-07-12 22:00:59 UTC
From: John's Business Accnt.
Topic: 1087 Message: 1095

Maybe contact Grayhill direct and see what you can find

Sent from my iPhone

On Jul 12, 2014, at 10:15 AM, "Robert Nickels w9ran@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

On 7/12/2014 11:30 AM, tenn404mogger@... [transworld_radio] wrote:
> I have searched their keypads and number pads and have not found
> anything similar.

Bob,

The original supplier of the TW-100 keypad was Grayhill, and I'm sure it was a standard series 83 part. Based on the spec sheet (which I'm sending you via email), the part number to look for is 83AB1-101. This is a 3x4 matrix-coded keypad with keytops that accept insertable legends. If you can find one you should be able to snap off the keytops and swap legends from the original keypad.

These are still production parts at around $21 each, but there's a minimum order quantity of 100 pcs. I didn't see any sources in a quick Google search who had single pieces available. Your best bet is probably to contact Grayhill and see if they might be able to suggest a distributor who would might have a few in stock.

73, Bob W9RAN

1096. keypad

Yahoo group: transworld_radio
Date: 2014-07-12 23:27:28 UTC
From: dave
Topic: 1096 Message: 1096

guess i had the wrong name

looks like it should be bob

dave

1097. TW-100

Yahoo group: transworld_radio
Date: 2014-07-16 21:08:52 UTC
From: jwussler@...
Topic: 727 Message: 1097

Where is the pot to adjust the power output?

1098. Re: [transworld_radio] TW-100n ALC adjustment

Yahoo group: transworld_radio
Date: 2014-07-16 21:42:18 UTC
From: Dennis
Topic: 727 Message: 1098

Remove the bottom cabinet cover.
With the radio upside down & facing you, you'll see two controls on the low pass filter board, extreme right forward. The one in the corner leave alone. The other slightly to the left & inboard is the ALC and should be marked such.

With a loud hum(some people whistle) unjust it for no more than 100 watts output into a dummy load.

The radio will easily do well over 150 watts but the internal AC power supply will not handle it.

The TX gain control(VOGAD) is on the top. Second module over from the left, rear of the module. You can turn it up full boar if you want dependent on your back ground noise environment.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "jwussler@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, July 16, 2014 4:08 PM
Subject: [transworld_radio] TW-100

Where is the pot to adjust the power output?

1099. Re: [transworld_radio] TW-100

Yahoo group: transworld_radio
Date: 2014-07-17 01:24:32 UTC
From: John's Business Accnt.
Topic: 727 Message: 1099

Hi,
Underneath the radio on the Low Pass Filter Board, near the front panel. It may be marked.
Download the TW100 manual online. It's free.
One of the best service manuals I've ever seen.

Regards,

John

Sent from my iPhone

On Jul 16, 2014, at 2:08 PM, "jwussler@... [transworld_radio]"
<transworld_radio@yahoogroups.com> wrote:

Where is the pot to adjust the power output?

1100. TW100 Toggle Switch

Yahoo group: transworld_radio
Date: 2014-07-17 20:24:08 UTC
From: Alex J Rokowetz
Topic: 1100 Message: 1100

Dennis and ALCON,

This afternoon I acquired the part number for the TW100 toggle switch from Datron. They no longer carry this part in their inventory as it's not used in any of their current product offerings. The manufacturer for this switch is Marquardt and the manufacturer part number is 1852.1102.

I searched all the usual places like Newark, Mouser, DigiKey, etc. and none of them had any of these in stock. I finally found two online sites that have them in stock at $1.67 USD apiece.

https://estore.heilind.com/search.asp?p=1852.1102

http://www.onlinecomponents.com/marquardt-switches-18521102.html?p=11911413

If any of you in the Northeast U.S.A. would like to save on shipping and place a bulk order, let me know how many you want. I can deliver the switches to you in person at one of the upcoming events like Weare, Gilbert, or Nearfest.

Alex
K2AJR

1101. Re: [transworld_radio] TW100 Toggle Switch

Yahoo group: transworld_radio
Date: 2014-07-17 20:37:55 UTC
From: Dennis
Topic: 1100 Message: 1101

Great news Alex.

I plan to add a noise blanker, and low power(10 watt), functions to one of my 2 knob radios & now the switches will match.

BTW, the mini toggle switch used on the 4 knob & 2 knob radios are not the same.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Alex J Rokowetz belarok@yahoo.com [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, July 17, 2014 3:24 PM
Subject: [transworld_radio] TW100 Toggle Switch

Dennis and ALCON,

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https://estore.heilind.com/search.asp?p=1852.1102

http://www.onlinecomponents.com/marquardt-switches-18521102.html?p=11911413

If any of you in the Northeast U.S.A. would like to save on shipping and place a bulk order, let me know how many you want. I can deliver the switches to you in person at one of the upcoming events like Weare, Gilbert, or Nearfest.

Alex
K2AJR

1102. Transworld TW100's available

Yahoo group: transworld_radio
Date: 2014-07-25 14:21:54 UTC
From: Dennis
Topic: 1102 Message: 1102

If interest reply via direct email only.

I have a few TW-100 available as listed below. If nobody wants one here, off the ebay some of them go. All are 2nd generation 4 knob versions. All work but have been setting. Some will need controls exercised. All include AC power cord. I'm only going to sell three of them. I'll keep the remaining for future projects.

#1, Army National Guard surplus. Good physical condition, fully operational, with Selcall, AC power cable, and original black shure 444 desk mic. $450.00

#2, as above, with generic shure 444 desk mic. $425.00

#3, as above, no mic, buttons need exercise. $395.00

#4, with Selcall, and Transcall. Fair physical condition, fully operational. Mic connector has been changed to common generic 5 pin. Includes generic dynamic mic. I have an original mic connector if you want it. $365.00(sold pending funds)

The only shipping method I have available is US mail. If you'd prefer another method, you'll need to make those arrangements. Shipping weight is about 30lbs from 65634.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1103. TW-100F questions

Yahoo group: transworld_radio
Date: 2014-07-27 15:35:18 UTC
From: n3oc@...
Topic: 1103 Message: 1103

Hi all, new owner of a TW-100F and first post to this group.

I have a few questions after spending some time with the unit I acquired.

keypad - seems a bit flaky especially on some numbers. it is usable, and I have learned which numbers to be careful with. can it be cleaned or otherwise repaired, or replaced? I did some searching of posts, saw the post about a possible replacement but that keypad had the extra row and I would have to get a quote for a quantity of one

LCD backlight - doesn't seem to work. I haven't checked the HV to it yet. that seems to be driven by some kind of oscillator chip which drives the HV generator. and ideas where to start looking for this problem, or not bother?

squelch - I turned down the squelch sensitivity a bit already so it would successfully scan a list of channels most of the time without popping open. seems to still react OK to voice. the way I got it, it would hardly stay closed at all

channel memory - seems mostly full of garbage, but as I program the channels they seem to stay and work OK. but the unused ones with garbage in them seem to set the synthesizer drifting through various bands. I guess that's probably normal with invalid data present. would be nice if it would reset gracefully to just a blank channel

mute mod - is it worth doing? I do get annoyed when trying to tune someone in and it mutes while I am trying to hear if they are tuned in or not

tune switch - seems to output very little power unless I put the mode on AM first. is this normal? it doesn't seem usable to tune on USB because the power out is just so darned low, but on AM it puts out 10W in the tune position and that is usable.

scan - I assume it is normal that the unit does not stop scanning when a channel is active? I was thinking about a mod that tied the squelch gate signal to the scan signal to stop it, but when I saw scan was a on/off toggle of the same logic line, methinks this is probably not possible now.

overall the unit I got seems to work great - RF specs seem fine and I have it scanning now in the shack running on DC off the solar cells

thanks for any guidance...

Brian N3OC

1104. Re: [transworld_radio] TW-100F questions

Yahoo group: transworld_radio
Date: 2014-07-27 16:45:05 UTC
From: Dennis
Topic: 1103 Message: 1104

keypad - seems a bit flaky especially on some numbers. it is usable, and I have learned which numbers to be careful with. can it be cleaned or otherwise repaired, or replaced?

A look through our message archives will reveal the OEM, part number, and availability of the keypad.

Keypad(push-button) bounce is a problem on all TW100 regardless of age. It appears that the primary cause is dormancy rather than excessive use. Some times, use of the affected control will resurrect it. If not, it can be replaced. W9RAN has also published some tips on the repare. See our files section.

LCD backlight - doesn't seem to work.

It is only visible in the pitch black darkness. This is normal.

would be nice if it would reset gracefully to just a blank channel
---
That can be done by simply removing the memory battery & turning the radio off for a few seconds. Alternately, there is no reason to scan the undesired channels. In practice you program the frequencies in order of importance beginning with channel one. You then set the upper scan limit as described in the manual.

mute mod - is it worth doing?

Yes, more so on later model radios. Early radios will produce a beep as freq up/down buttons are depressed but it's still better than the mute.

tune switch - seems to output very little power unless I put the mode on AM first.

Mode is not affected by the tune switch. The radio is auto shifted to 10 watts output.If you already have the radio open, reverse the meter wires located near the ALC control on the Low Pass Filter board. This will cause the meter to read reflected power rather that forward when in the tune mode. It works MUCH better this way! Also set the RF output to no more than 100 watts. The interal AC supply of all TW100 family radios is a little anemic. The Flyaway even more so. At 100 watts the radio will far more stable one AC & DC power, and there will be less likelihood of damage to the AC transformer(which is about impossible to replace in the Flyaway).

scan - I assume it is normal that the unit does not stop scanning when a channel is active?

Yes, read my dissertation on radios use to monitor HFpack/Milpack on the Milpack forum.

  I was thinking about a mod that tied the squelch gate signal to the scan signal to stop it, but when I saw scan was a on/off toggle of the same logic line, methinks this is

probably not possible now.

Read the above message and find out why you don't want it to stop. The 3 second timed scanning of the TW100 is one of the most effect HF scam control method there is. There is only one better that I'll not go into.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1105. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2014-07-28 21:20:52 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1105

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Mods/TW-100 Reflected Power Mod.pdf
Uploaded by : n3oc_brian <n3oc@...>
Description : basic and enhanced mod to change TW-100F metering from forward to reflected
power when turning

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/transworld_radio/files/Mods/TW-100%20Reflected%20Power
%20Mod.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

n3oc_brian <n3oc@...>

1106. LSB mod for TW100?!

Yahoo group: transworld_radio
Date: 2014-08-01 14:32:04 UTC
From: Dennis
Topic: 1106 Message: 1106

I just noticed Markus' LSB mod in the files section of the group. I wish to caution anybody that might attempt this mod needlessly. Maybe Markus should include this message in that file.

1st, it is not advisable to modify a TW100 in this fashion.

2nd, it is most likely not necessary.

I have never seen a TW100 that did not have LSB. I have however seen a couple that LSB was not accessible.

KA1GON made the realization with his LSB only TW100 that both filters(LSB & USB) existed in his radio. The only reason the LSB mode was not functional was because it was not connected. It would seem that Transworld in it's wisdom decided that two different M2 modules would not as smart as just one.

He found the connecting wire for the LSB filter folded back & covered up in the wire loom. So, if you have a four knob radio you need only to hook this wire up. If you have a 2 knob radio you may need to add a toggle switch.

Charlie took some pictures of the above but I can't seem to find them.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1107. Transworld TW100 Helpful information for TW100 owners.

Yahoo group: transworld_radio
Date: 2014-08-01 14:41:55 UTC
From: Dennis
Topic: 1106 Message: 1107

Oddball_HF/SSB_Radio

Oddball_HF/SSB_Radio
The above pictured radio is a Stephens Engineering SEA 222 HF/SSB Marine transceiver. It is mounted in a naval 20mm ammo can. This set is a permanent...
View on groups.yahoo.com Preview by Yahoo

https://xa.yimg.com/df/Oddball_HF_SSB_Radio/TW100+micro+Channel+Programming.pdf?token=8UDL2anvqfuy_vzb65FDMbRwvNAr_M0GJCbC4eZyZU1kX__EIbI7MqQftA0PAysYcFRdVoAQJx50PS3h9pO6mfvW8nlfcMiSsa0k0JsA15rqYstETUKZAdmh4krGnziwDQasGX1m7_IaGdmAHg2c9NaMoSWTl5IrY9Gf&type=download

https://xa.yimg.com/df/Oddball_HF_SSB_Radio/TW100+Channel+Programming.pdf?token=dOsIAore-PZo5XPE6FcxdS6rlMxDOjm3kxRVbkiW8RP9uuWikaXAUbNn6Jk1-IEWhAasK58BTRke07Y6A8MXeYhxesdV10QA2NVAkzxL8qxb8SGJxaZz1MhqX02cVJL9abJUH4wSlExui_i-drQNFeqoxQ&type=download

https://xa.yimg.com/df/Oddball_HF_SSB_Radio/Repairing+the+TW-100+function+switches.pdf?token=tADntABrGPvebWB3aXNRt__VBBDX8-e6GgdikEORRNRUofnetd-Z8XWLMT9UIvTNddumU-yjtWhPJ7hj0V7OUGdTx-4HLnjBNyGbOb06ZdTPionnM8JsWwgYpcdpPPlgZclYWykLdIN-Bbg27-AATmd3qxQDBKgvKO12-McuGDpcd22L&type=download

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1108. Value of TW-7000 Suitcase Model

Yahoo group: transworld_radio
Date: 2014-08-05 14:56:43 UTC
From: david@...
Topic: 1108 Message: 1108

I have one of the above with full technical manual and would like to know the average price of one on the used market as I am considering selling?

Where is the best place to sell?

Thanks.

David G4ZOW

1109. Re: Value of TW-7000 Suitcase Model

Yahoo group: transworld_radio
Date: 2014-08-13 20:57:18 UTC
From: nt0a@...
Topic: 1108 Message: 1109

David,I'm probably going to burst your balloon, but all of the second hand Datron gear I've purchased has been roughly 10% to 14% of the retail list price. I found my TW7000 on Craig's list and the TW1000/PS1000 on eBay. both pieces of gear were fully functional. Item List Actual % of ListTW7000 $ 4,283 $ 600 14%TW1000 & PS1000 $11,592 $1,000 9%73s es gud luk Bob NT0A

1110. TW7000 Option Board Needed

Yahoo group: transworld_radio
Date: 2014-08-13 21:22:16 UTC
From: nt0a@...
Topic: 1110 Message: 1110

I am looking for an ALE option board for a Datron TW7000 HF transceiver.First Choice 7000ALE-141B which is a MIL-STD-188-141B boardSecond Choice 7000ALE which is a FED-STD-1045 board.tnx es 73s de Bob

1111. Re: Value of TW-7000 Suitcase Model

Yahoo group: transworld_radio
Date: 2014-08-13 21:34:42 UTC
From: belarok@...
Topic: 1108 Message: 1111

I meant to reply to this post earlier. I have not seen the TW7000F radios change hands very often so let's talk about flyaway radios in general. The TW100F radios seem to be increasing in price recently and I've seen them pulling in north of 800 apiece. The TW100F/AT radios pull in slightly more cash than that.The RF3200 radios pull in a big chunk more money than that. I want to say I saw one trade for about $1,800 USD. I sold a broken one on eBay several years ago that pulled in more than $700 USD. That was a huge surprise to me.I bought my TW7000F for about $650 USD on eBay about 6 or 7 years ago. It was a surplus seller that dumps all sorts of electronic surplus. It was sold as-is and I lucked out... it required no repairs. Even had the ALE, Noise Blanker, and Clock options installed.I've seen the desktop TW7000 radios sell for anywhere from $450 USD for just the radio with no options or accessories to $1,000 USD for a radio equipped with all sorts of desirable options and accessories.I know this doesn't tell you what TW7000F radio go for, but I hope it gives you some sense of what other flyaway or the desktop version of your radios go for. Maybe some other folks will chime in with their thoughts. I'm sure some people might say they acquired items at really cheap prices while others may have paid a hefty sum to acquire their radios. Some people list items on ebay and let the market set the price. If you do, take really nice photos and be sure to list all the installed options and features. Also, keep in mind that eBay buyers can be fickle.Good luck with your sale.Best 73,AlexK2AJR

1112. Re: Value of TW-7000 Suitcase Model

Yahoo group: transworld_radio
Date: 2014-08-14 11:34:15 UTC
From: david@...
Topic: 1108 Message: 1112

Hi,
Thanks for the reply and the pm.

So the PA is worth quite a bit more than the transceiver?

Do I take it that the 10-14% value goes for any version of the TW7000 including the transportable and military versions of the desktop model?

Thank you.

David G4ZOW

1113. Re: Value of TW-7000 Suitcase Model

Yahoo group: transworld_radio
Date: 2014-08-14 12:49:31 UTC
From: belarok@...
Topic: 1108 Message: 1113

David,I don't think that approach is out of line. You could start there and end up with less or you could end up with more.Good luck.AlexK2AJR

1114. TW-100

Yahoo group: transworld_radio
Date: 2014-08-16 19:18:04 UTC
From: Frank Ketterman
Topic: 727 Message: 1114

Hello,

I recently acquired a TW-100 Transceiver. I have been able
to find and download both the Operators Manual and the Service Manual
however I still cannot find any information on the 4 DB-9 (1 Male 9-pin and
3 Female) connectors on the back of the transceiver are for. Anyone have
any information on these?

Thank you,

Frank Ketterman

fnk@... <mailto:fnk@...>

www.survivalblog.net <http://www.survivalblog.net>

AC0XV

Molon Labe!

1115. Re: [transworld_radio] TW-100

Yahoo group: transworld_radio
Date: 2014-08-16 20:29:13 UTC
From: Alex J Rokowetz
Topic: 727 Message: 1115

Frank,

Welcome to the group. There are several different pdf versions of the service manual floating around cyberspace.

The information you seek can be found in the technical manual dated April, 1987 on pages 11-4 and 11-5. This file can be downloaded by clicking this link:

https://app.box.com/s/x7kvzacgap6rf3anmxp6

It can also be found in the technical manual dated September 1993 on pages 11-5 and 11-6. This file can be downloaded by clicking this link:

https://app.box.com/s/gtptfn37me8034dcbcom

73,

Alex
K2AJR

From: "'Frank Ketterman' fnk@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, August 16, 2014 3:18 PM
Subject: [transworld_radio] TW-100

Hello,

I recently acquired a TW-100 Transceiver. I have been able to find and download both the Operators Manual and the Service Manual however I still cannot find any information on the 4 DB-9 (1 Male 9-pin and 3 Female) connectors on the back of the transceiver are for. Anyone have any information on these?

Thank you,

Frank Ketterman
fnk@...
www.survivalblog.net
AC0XV
Molon Labe!

1116. RT100 on eBay

Yahoo group: transworld_radio
Date: 2014-08-20 13:31:05 UTC
From: Alex J Rokowetz
Topic: 1116 Message: 1116

Group members,

This
morning I saw an RT100 for sale in eBay and noticed the seller is using
some of the photos from my QRZ page in his listing. I suspect some of
you may recognize the photos from my QRZ page and I do not want you to
be misled into thinking that is my RT100 (which you have all heard
on-air and know it to be a quality radio) that is up for sale. My RT100 is not up for
sale.

I have already emailed the seller asking him to not use my photos so as to not mislead
anyone.

http://www.ebay.com/itm/Transworld-RT100-MP-HF-SSB-Tranceiver-RAT100-Auto-Antenna-Tuner-/1
61399404923?pt=US_Ham_Radio_Transceivers&hash=item259427797b
 Thanks,

Alex
K2AJR

1117. Re: CW on the TW7000

Yahoo group: transworld_radio
Date: 2014-08-20 14:08:12 UTC
From: s9ss160m@...
Topic: 904 Message: 1117

Do you know of a source for the filter?

---In transworld_radio@yahoogroups.com, <w4afk@...> wrote :

Hi Charles,

The TW7000 always supports CW. If your radio doesn't have the 500Hz CW filter, it will not show in the display but if you connect a CW key it will work. The radio uses audio generated CW and without the filter it will work just fine but with the wider default voice (or data) filter.

I assume that your radio does not have the "7000CW1" option which means no 500Hz filter, hence no indication. However, CW works just fine.

--- In transworld_radio@yahoogroups.com mailto:transworld_radio@yahoogroups.com, "Charles KY4P EX A22AA S92SS SV0LM S9SS" <s9ss160m@...> wrote:
>
>
> TW7000's that I worked with overseas included CW in the mode selections. My TW7000 doesn't. What is required to include the CW mode?
>
> While on TDY in Botswana back in 2006, I made about 2100 CW contacts under the call sign A25/KY4P using a borrowed 500 watt TW7000 based system with a rotable log periodic antenna.
>
> I use my 500 watt TW7000 system as a standby rig.
>
>
> 73,
> Charles - KY4P
>
> (Ex A22AA, S92SS, SV0LM, S9SS)
>

1118. Re: Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-08-23 16:12:38 UTC
From: valkiria700@...
Topic: 1081 Message: 1118

Just to add that the refund was done on July 10th.

Definetly I´ll put more time on my testing procedures to avoid this kind of situations in the future.

Cheers,
Ed

1119. Re: Transworld TW2000S

Yahoo group: transworld_radio
Date: 2014-08-24 18:01:57 UTC
From: liner21@...
Topic: 1081 Message: 1119

I have have but need to check the manual.May be a AEL variant.
Keith G8IXN

1120. Re: Value of TW-7000 Suitcase Model

Yahoo group: transworld_radio
Date: 2014-08-26 09:38:08 UTC
From: david@...
Topic: 1108 Message: 1120

Hi Alex,
Many thanks for your detailed post.

I need to work out what internal options are fitted on my unit.

David G4ZOW

1121. TW-100 & Digital

Yahoo group: transworld_radio
Date: 2014-08-28 09:28:17 UTC
From: fnk@...
Topic: 1121 Message: 1121

Has anyone used their TW-100 with either FLDIGI or Ham Radio Deluxe? If so do you have a Rig.xml or the equivalent for HRD?

1122. Re: [transworld_radio] TW-100 & Digital

Yahoo group: transworld_radio
Date: 2014-08-28 12:09:53 UTC
From: Alex J Rokowetz
Topic: 1121 Message: 1122

I have run fldigi with both my TW100 and TW100F using a SignaLink USB. I don't know anything about rig.xml or HRD. What are they?

Alex
K2AJR

On Thu, Aug 28, 2014 5:28 AM EDT fnk@... [transworld_radio] wrote:

>
>Has anyone used their TW-100 with either FLDIGI or Ham Radio Deluxe? If so do you have a Rig.xml or the equivalent for HRD?

1123. Re: [transworld_radio] TW-100 & Digital

Yahoo group: transworld_radio
Date: 2014-08-28 23:24:06 UTC
From: fnk@...
Topic: 1121 Message: 1123

The Rig.xml is the rig control file used with Fldigi to control the radio. Ham Radio Deluxe is another program that does some of the same things as Fldigi does.

1124. Re: TW-100 & Digital

Yahoo group: transworld_radio
Date: 2014-08-28 23:25:18 UTC
From: fnk@...
Topic: 1121 Message: 1124

So Alex what cable did you get with your SignaLink USB?

Thanks,
Frank
AC0XV

1125. Re: [transworld_radio] TW-100 & Digital

Yahoo group: transworld_radio
Date: 2014-08-29 00:10:41 UTC
From: Alex J Rokowetz
Topic: 1121 Message: 1125

I honestly do not know anything about it. I installed the software on several computers and laptops and entered my callsign and other data into the settings but I have not knowingly edited such a file. I think I would classify myself as a very basic user. I usually use MT-63 and sometimes Olivia or Thor with with the following Transworld radios: TW100, TW100F, RT100, TW7000, RT7000, and TW7000F.

Alex
K2AJR

From: "fnk@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, August 28, 2014 7:24 PM
Subject: Re: [transworld_radio] TW-100 & Digital

The Rig.xml is the rig control file used with Fldigi to control the radio. Ham Radio Deluxe is another program that does some of the same things as Fldigi does.

1126. Re: TW-100 & Digital

Yahoo group: transworld_radio
Date: 2014-08-29 00:25:44 UTC
From: fnk@...
Topic: 1121 Message: 1126

Ok, thanks for the information.

1127. Re: [transworld_radio] Re: TW-100 & Digital

Yahoo group: transworld_radio
Date: 2014-08-29 00:25:49 UTC
From: Alex J Rokowetz
Topic: 1121 Message: 1127

Frank,

I wired up my own cable using an ethernet cable, clipping off one end, and installing a U229 connector in it's place. I remember setting some jumpers in the SignaLink on a little green board and I have to say the included documentation was really easy to understand. In the post I just made a few minutes ago, I listed the radios I use with fldigi. All have U-183 connectors except the TW100 and TW7000 radios. For the TW100 I wired up another cable with the mating connector. The TW7000 is one I bought from Eduardo who is a member of this list. At some time, someone had replaced the Hirose connector that is standard TW7000 connector with a ham radio connector. In doing that, the person had increased the diameter of the hole on the face of the radio to install that ham radio connector. Since I do not have any ham radio mics and the enlarged hole was too big to reinstall a Hirose connector, I further enlarged the hole and installed a U-183
connector so I could use all my military audio devices and the SignaLink cable I had wired up for my other radios that have U-183 connectors.

Alex
K2AJR

From: "fnk@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, August 28, 2014 7:25 PM
Subject: [transworld_radio] Re: TW-100 & Digital

So Alex what cable did you get with your SignaLink USB?

Thanks,
Frank
AC0XV

1128. Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-13 15:43:28 UTC
From: fnk@...
Topic: 1128 Message: 1128

What antenna tuner(s) are people using with the TW-100?

1129. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-13 15:47:12 UTC
From: Alex J Rokowetz
Topic: 1128 Message: 1129

I use the AT100. One could also use the RAT100 or ATA Tuner but I haven't wired those up for use with my TW100. I typically use the RAT100 and ATA tuner with my RT100.

Alex
K2AJR

From: "fnk@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 13, 2014 11:43 AM
Subject: [transworld_radio] Antenna Tuners

What antenna tuner(s) are people using with the TW-100?

1130. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-13 21:25:20 UTC
From: Brian McGinness
Topic: 1128 Message: 1130

I believe I was told the Icom AH-4 tuner is the same protocol. Haven't tried it yet, but it's a nice tuner and I ordered the connector for my TW-100F and I'm going to try it soon as I own two of them.

Brian N3OC

From: fnk@... [transworld_radio] [mailto:transworld_radio@yahoogroups.com]
To: transworld_radio@yahoogroups.com
Sent: Sat, 13 Sep 2014 11:43:28 -0500
Subject: [transworld_radio] Antenna Tuners

What antenna tuner(s) are people using with the TW-100?

1131. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-14 21:58:50 UTC
From: Dennis
Topic: 1128 Message: 1131

All Icom, and some Hull, tuners use the same protocol as Transworld.

The Icom can be connected wire for wire to the TW100 family of radios and work like they were made for each other.

I'm using an AH-4 on my portable fixed station set, and an AT-120 Icom marine tuner on my M886 mobile.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

_____
From: "'Brian McGinness' n3oc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 13, 2014 4:25 PM
Subject: Re: [transworld_radio] Antenna Tuners

I believe I was told the Icom AH-4 tuner is the same protocol. Haven't tried it yet, but it's a nice tuner and I ordered the connector for my TW-100F and I'm going to try it soon as I own two of them.

Brian N3OC

>_____
>From: fnk@softhome.net [transworld_radio] [mailto:transworld_radio@yahoogroups.com]
>To: transworld_radio@yahoogroups.com
>Sent: Sat, 13 Sep 2014 11:43:28 -0500
>Subject: [transworld_radio] Antenna Tuners
>
>
>What antenna tuner(s) are people using with the TW-100?

1132. RE: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-14 22:18:43 UTC
From: dfemer
Topic: 1128 Message: 1132

Would the PRC 1099 and 7000 be the same protocol?

Dud

KK7IF

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, September 14, 2014 2:59 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Antenna Tuners

All Icom, and some Hull, tuners use the same protocol as Transworld.

The Icom can be connected wire for wire to the TW100 family of radios and work like they were made for each other.

I'm using an AH-4 on my portable fixed station set, and an AT-120 Icom marine tuner on my M886 mobile.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "'Brian McGinness' n3oc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 13, 2014 4:25 PM
Subject: Re: [transworld_radio] Antenna Tuners

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Brian N3OC

From: fnk@... [transworld_radio] [mailto:transworld_radio@yahoogroups.com]
To: transworld_radio@yahoogroups.com
Sent: Sat, 13 Sep 2014 11:43:28 -0500
Subject: [transworld_radio] Antenna Tuners

What antenna tuner(s) are people using with the TW-100?

1133. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-14 22:25:01 UTC
From: Dennis
Topic: 1128 Message: 1133

I don't know. I've never tired them.

The 1099 does not have a tune function button.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "'dfemer' dfemer@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, September 14, 2014 5:18 PM
Subject: RE: [transworld_radio] Antenna Tuners

Would the PRC 1099 and 7000 be the same protocol?
Dud
KK7IF

From:transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, September 14, 2014 2:59 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Antenna Tuners

All Icom, and some Hull,
tuners use the same protocol as Transworld.

The Icom can be connected wire for wire to the TW100 family of
radios and work like they were made for each other.

I'm using an AH-4 on my portable fixed station set, and an AT-120
Icom marine tuner on my M886 mobile.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From:"'Brian McGinness' n3oc@wirelessinc.com [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 13, 2014 4:25 PM

Subject: Re: [transworld_radio] Antenna Tuners

I believe I was told the Icom AH-4 tuner is the same protocol. Haven't tried it yet, but it's a nice tuner and I ordered the connector for my TW-100F and I'm going to try it soon as I own two of them.

Brian N3OC

From:fnk@... [transworld_radio]
[mailto:transworld_radio@yahoogroups.com]
To: transworld_radio@yahoogroups.com
Sent: Sat, 13 Sep 2014 11:43:28 -0500
Subject: [transworld_radio] Antenna Tuners

What antenna tuner(s) are people using with the TW-100?

1134. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-14 22:32:14 UTC
From: Dave Panek
Topic: 1128 Message: 1134

Dudley,
As I recall the Tw7000 uses serial data over the control line to start tune and preposition the relays. The Tw100 and 1099 use 4 wire interface. I have use the 1099 and Rt100 with RAT100, RAT1000 and Harris RF382.

Dave
KE4MLV

On 9/14/2014 6:18 PM, 'dfemer' dfemer@... [transworld_radio] wrote:
>
> Would the PRC 1099 and 7000 be the same protocol?
>
> Dud
>
> KK7IF
>
> *From:*transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Sunday, September 14, 2014 2:59 PM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* Re: [transworld_radio] Antenna Tuners
>
> All Icom, and some Hull, tuners use the same protocol as Transworld.
>
> The Icom can be connected wire for wire to the TW100 family of radios
> and work like they were made for each other.
>
> I'm using an AH-4 on my portable fixed station set, and an AT-120 Icom
> marine tuner on my M886 mobile.
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---
>
> *From:*"'Brian McGinness' n3oc@... [transworld_radio]"
> <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, September 13, 2014 4:25 PM
> *Subject:* Re: [transworld_radio] Antenna Tuners

>
>
>
> I believe I was told the Icom AH-4 tuner is the same protocol.
> Haven't tried it yet, but it's a nice tuner and I ordered the
> connector for my TW-100F and I'm going to try it soon as I own two of
> them.
>
> Brian N3OC
>
> ---
>
> *From:*fnk@... [transworld_radio]
> [mailto:transworld_radio@yahoogroups.com]
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Sat, 13 Sep 2014 11:43:28 -0500
> *Subject:* [transworld_radio] Antenna Tuners
>
> What antenna tuner(s) are people using with the TW-100?
>
>

1135. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-14 22:36:24 UTC
From: Dave Panek
Topic: 1128 Message: 1135

I think the whip tune button drops the control line the same as the TW100.
Dave

On 9/14/2014 6:25 PM, Dennis spike.dennis@... [transworld_radio]
wrote:
> I don't know. I've never tired them.
>
> The 1099 does not have a tune function button.
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---
> *From:* "'dfemer' dfemer@... [transworld_radio]"
> <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Sunday, September 14, 2014 5:18 PM
> *Subject:* RE: [transworld_radio] Antenna Tuners
>
>
>
> Would the PRC 1099 and 7000 be the same protocol?
> Dud
> KK7IF
> *From:*transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Sunday, September 14, 2014 2:59 PM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* Re: [transworld_radio] Antenna Tuners
> All Icom, and some Hull, tuners use the same protocol as Transworld.
> The Icom can be connected wire for wire to the TW100 family of radios
> and work like they were made for each other.
> I'm using an AH-4 on my portable fixed station set, and an AT-120 Icom
> marine tuner on my M886 mobile.
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
> ---
> *From:*"'Brian McGinness' n3oc@... [transworld_radio]"

> <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, September 13, 2014 4:25 PM
> *Subject:* Re: [transworld_radio] Antenna Tuners
>
>
> I believe I was told the Icom AH-4 tuner is the same protocol.
> Haven't tried it yet, but it's a nice tuner and I ordered the
> connector for my TW-100F and I'm going to try it soon as I own two of
> them.
>
> Brian N3OC
> ---
> *From:*fnk@... [transworld_radio]
> [mailto:transworld_radio@yahoogroups.com]
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Sat, 13 Sep 2014 11:43:28 -0500
> *Subject:* [transworld_radio] Antenna Tuners
>
> What antenna tuner(s) are people using with the TW-100?
>
>
>
>
>

1136. RE: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-14 23:02:06 UTC
From: Alex J Rokowetz
Topic: 1128 Message: 1136

Dud,

The 7000 series supports the 7000 series tuners like the RAT7000, RAT7000B, and RAT7000C but the series is backward compatible and supports the 100 series tuners like the AT100 and RAT1000. The 7000 series tuner connects to one accessory connector on the 7000 series radio and the 100 series tuners connect to a different accessory connector on the TW7000 radio. I use one of my TW7000 radios with an AT100.

I would have to do some experimenting with the PRC-1099 to say for sure, but it looks promising. The TW100 and PRC1099 use the same four circuits: 12VDC, Key, Tune Initiate, and Ground.

Alex
K2AJR

On Sun, 9/14/14, 'dfemer' dfemer@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

Subject: RE: [transworld_radio] Antenna Tuners
To: transworld_radio@yahoogroups.com
Date: Sunday, September 14, 2014, 6:18 PM

Would the PRC 1099
and 7000 be the same protocol?

Dud

KK7IF

From:
transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]

Sent: Sunday, September 14, 2014 2:59 PM

To: transworld_radio@yahoogroups.com

Subject: Re: [transworld_radio] Antenna
Tuners

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tuners use the same protocol as Transworld.

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connected wire for wire to the TW100 family of
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I'm using an AH-4
on my portable fixed station set, and an AT-120
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Dennis Starks

Military-Radio-Guy

KBØSFP

HFpack/Milpack, Monitor all:

3996usb, 5357usb, 7296usb,

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[transworld_radio]"
<transworld_radio@yahoogroups.com>

To: transworld_radio@yahoogroups.com

Sent: Saturday, September 13, 2014 4:25 PM

Subject: Re: [transworld_radio] Antenna
Tuners

I believe I was told the Icom AH-4 tuner is the same
protocol. Haven't
tried it yet, but it's a nice tuner and I ordered the
connector for my TW-100F
and I'm going to try it soon as I own two of them.

Brian N3OC

From: fnk@... [transworld_radio]
[mailto:transworld_radio@yahoogroups.com]

To: transworld_radio@yahoogroups.com

Sent: Sat, 13 Sep 2014 11:43:28 -0500

Subject: [transworld_radio] Antenna Tuners

What
antenna tuner(s) are people using with the
TW-100?

1137. RE: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-15 04:14:35 UTC
From: dfemer
Topic: 1128 Message: 1137

How did you hook up to the 382A and the RATs. Do you have a pin out and procedure?

I have a RAT20, 1000 and a 382a.

Dud

KK7IF

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, September 14, 2014 3:32 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Antenna Tuners

Dudley,
As I recall the Tw7000 uses serial data over the control line to start tune and preposition the relays. The Tw100 and 1099 use 4 wire interface. I have use the 1099 and Rt100 with RAT100, RAT1000 and Harris RF382.

Dave
KE4MLV

On 9/14/2014 6:18 PM, 'dfemer' dfemer@... [transworld_radio] wrote:

Would the PRC 1099 and 7000 be the same protocol?

Dud

KK7IF

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
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To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Antenna Tuners

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HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
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From: "'Brian McGinness' n3oc@... [transworld_radio]"
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To: transworld_radio@yahoogroups.com
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Subject: Re: [transworld_radio] Antenna Tuners

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To: transworld_radio@yahoogroups.com
Sent: Sat, 13 Sep 2014 11:43:28 -0500
Subject: [transworld_radio] Antenna Tuners

What antenna tuner(s) are people using with the TW-100?

1138. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-15 17:14:26 UTC
From: Dave Panek
Topic: 1128 Message: 1138

RT100 to RF382 connectoions

Pin A Keyline----- RF382 Pin J2B------- RAT100/1000 Pin A
B +12 volts---------Rf382 pin J2H and I -----RAT100/1000 Pin B
C ground----------- RF382 J2 A------------RAT 100/1000 Pin C
D Tune Initiate------------RF382 J2E--------RAT 100/1000 Pin D

Dave

On 9/15/2014 12:14 AM, 'dfemer' dfemer@... [transworld_radio] wrote:
>
> How did you hook up to the 382A and the RATs. Do you have a pin out
> and procedure?
>
> I have a RAT20, 1000 and a 382a.
>
> Dud
>
> KK7IF
>
> *From:*transworld_radio@yahoogroups.com
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Sunday, September 14, 2014 3:32 PM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* Re: [transworld_radio] Antenna Tuners
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> Dudley,
> As I recall the Tw7000 uses serial data over the control line to start
> tune and preposition the relays. The Tw100 and 1099 use 4 wire
> interface. I have use the 1099 and Rt100 with RAT100, RAT1000 and
> Harris RF382.
>
> Dave
> KE4MLV
>
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> [transworld_radio] wrote:
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> HFpack/Milpack, Monitor all:
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>
> ---
>
> *From:*"'Brian McGinness' n3oc@...
> <mailto:n3oc@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com>
> <mailto:transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
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> of them.
>
> Brian N3OC
>
> ---
>
> *From:*fnk@... <mailto:fnk@...>
> [transworld_radio] [mailto:transworld_radio@yahoogroups.com]
> *To:* transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Sat, 13 Sep 2014 11:43:28 -0500
> *Subject:* [transworld_radio] Antenna Tuners
>

> What antenna tuner(s) are people using with the TW-100?
>
>

1139. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-15 23:52:50 UTC
From: n7shm@...
Topic: 1128 Message: 1139

Does anyone know if the TW7000 uses similar antenna tuner controls?

Dan
N7SHM

1140. Re: [transworld_radio] Antenna Tuners

Yahoo group: transworld_radio
Date: 2014-09-16 00:07:02 UTC
From: Alex J Rokowetz
Topic: 1128 Message: 1140

Yes and the AT/RAT100 (or compatible) tuners should be connected to Accessory Connector 2.

Alex
K2AJR

On Mon, 9/15/14, n7shm@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

Subject: Re: [transworld_radio] Antenna Tuners
To: transworld_radio@yahoogroups.com
Date: Monday, September 15, 2014, 7:52 PM

Does anyone know if the TW7000 uses similar antenna
tuner controls?

Dan N7SHM

1141. TW100 and CW .. or am I having problems in my synthesizer?

Yahoo group: transworld_radio
Date: 2014-09-25 18:26:37 UTC
From: ws4s@...
Topic: 1141 Message: 1141

Hey gang,

I'm a new TW100 user. This is a new model with 4 knobs. I haven't wired up a mic yet and was itching to try this radio on the air, so I thought I would give CW a try and check in to the local NTS CW net. I was using a different receiver to get an idea how to tune the radio to zero beat the NCS before the net got started and I notice the radio transmits a horrid sounding squaaaaack for a second or so as the radio is keyed. It sounds acceptable after that as long as the radio doesnt go back to receive mode. Surely this isn't normal for this nice radio, is it?

Thanks and 73,

Conard, WS4S

1142. TW7000F on The Bay

Yahoo group: transworld_radio
Date: 2014-10-09 03:51:58 UTC
From: david@...
Topic: 1142 Message: 1142

Transworld TW7000F Commercial HF Suitcase Transceiver c/w Antenna & ATU
http://www.ebay.co.uk/itm/381018601926?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649

http://www.ebay.co.uk/itm/381018601926?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649

Transworld TW7000F Commercial HF Suitcase T...
http://www.ebay.co.uk/itm/381018601926?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
Transworld TW7000F Commercial HF Suitcase Transceiver c/w Antenna & ATU in Mobile Phones & Communication, Radio Communication Equipment, Ha...

View on www.ebay.co.uk
http://www.ebay.co.uk/itm/381018601926?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
Preview by Yahoo

1143. TW100F Troubleshooting

Yahoo group: transworld_radio
Date: 2014-10-19 17:35:30 UTC
From: Jim Pruitt
Topic: 1143 Message: 1143

I have a TW100F that blows fuses on power up. I pulled the wire from the output of the bridge and got 14.6v as expected. I could not find where I can disconnect that 65000mf electrolytic to see if the electrolytic is causing the problem but I am out of 3A fuses.

In looking at the M8 regulator board I do not see any obvious parts burnt or broken.

What were common failures in these units?

Thank you.

Jim

1145. TW100 PA TRANSISTORS

Yahoo group: transworld_radio
Date: 2014-10-21 11:47:38 UTC
From: G. Lofstead
Topic: 1145 Message: 1145

I HAVE A TW100 WITH BLOWN PA TRANSISTORS (NOT BY ME).
DOES ANYONE KNOW OF USABLE REPLACEMENTS FOR
THE PA AND THE DRIVER TRANSISTORS?

JERRY
W3CDE
ATLANTA, GA

1146. Re: [transworld_radio] TW100F Troubleshooting

Yahoo group: transworld_radio
Date: 2014-10-22 03:32:04 UTC
From: Jim Pruitt
Topic: 1143 Message: 1146

It did not look that easy to isolate each board short of cutting the lead. I think I will find a 3A circuit breaker to replace the fuse and holder. I hope I am luck enough to have the problem on the M8 regulator board.

Thank you.

----- Original Message -----
From: 'WB4EEL' wb4eel@... [transworld_radio]
To: transworld_radio@yahoogroups.com
Sent: Sunday, October 19, 2014 11:43 AM
Subject: RE: [transworld_radio] TW100F Troubleshooting

I used an ohmmeter and opened up various board wiring until it opened up. It turned out to be a tantalum capacitor on one of the boards which was a direct short. They have a habit of doing that. I think that I may have used a current limited DC power supply downstream from the fuse, but I am not sure.

WB4EEL
AFA4VQ/AFF4GA
-----Original Message-----
From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, October 19, 2014 13:36
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW100F Troubleshooting

I have a TW100F that blows fuses on power up. I pulled the wire from the output of the bridge and got 14.6v as expected. I could not find where I can disconnect that 65000mf electrolytic to see if the electrolytic is causing the problem but I am out of 3A fuses.

In looking at the M8 regulator board I do not see any obvious parts burnt or broken.

What were common failures in these units?

Thank you.

Jim

1147. Re: [transworld_radio] TW100F power supply Troubleshooting, light bulb

Yahoo group: transworld_radio
Date: 2014-10-22 12:27:33 UTC
From: Dennis
Topic: 1143 Message: 1147

An old TV repair man's trick. Try putting 100 watt light bulb in series with the AC line. When there is a shorted condition, the light bulb will limit the available current and will shine bright. When you have eliminated the low resistance path the light bulb will dim and the radio will wake up a enough to let you know you've found the problem. No more wasted fuses.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

_____
From: "'Jim Pruitt' wa7duy@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, October 21, 2014 11:32 PM
Subject: Re: [transworld_radio] TW100F Troubleshooting

It did not look that easy to
isolate each board short of cutting the lead. I think I will find a 3A
circuit breaker to replace the fuse and holder. I hope I am luck enough to
have the problem on the M8 regulator board.

Thank
you.

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>From: 'WB4EEL' wb4eel@... [transworld_radio]
>To: transworld_radio@yahoogroups.com
>Sent: Sunday, October 19, 2014 11:43 AM
>Subject: RE: [transworld_radio] TW100F Troubleshooting
>
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>>In looking at the M8 regulator board I do not see any obvious parts burnt or broken.
>>
>>What were common failures in these units?
>>
>>Thank you.
>>
>>Jim
>
>
>

1148. Re: TW100 PA TRANSISTORS

Yahoo group: transworld_radio
Date: 2014-10-22 13:28:31 UTC
From: n9pse@...
Topic: 1145 Message: 1148

I recently had the same issue. I came across a TW-100F that kept blowing fuses. Not only was the transformer shot, but the PA transistors were also bad.

For the transistors, appropriate replacements are SD1487 or SRF3662...

Matched pairs are available from rfparts.com:
http://www.rfparts.com/catalogsearch/result/?q=SRF3662
http://www.rfparts.com/catalogsearch/result/?q=SRF3662 (this is where I got mine)

I was able to replace both fairly easily (as well as the transformer). I now have a functional radio!

Cheers and 73!

Mark

1149. Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-23 00:14:05 UTC
From: Brooke Clarke
Topic: 1149 Message: 1149

Hi:

I've received a TW7000F suitcase radio and can set the simplex frequency, USB mode and the other parameters controlled
by the buttons below the LCD.
But Rx is showing just below the frequency and when I hold PTT down the screen blanks and no transmission.

How to get it to work as a transceiver?

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1150. Re: Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-23 01:25:28 UTC
From: n7shm@...
Topic: 1149 Message: 1150

Brooke,

I'm pretty new to the TW7000, but it sounds like the radio has a problem. The LCD stays on in transmit with mine.

Dan
N7SHM

1151. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-23 02:39:51 UTC
From: Alex J Rokowetz
Topic: 1149 Message: 1151

Hi Brooke,
It is possible to set individual channels to "Rx Only" mode. Do your symptoms occur on all channels?
To take a channel out of "Rx Only" mode, push the "Alpha" button, press "18", and then press "E".
To put a channel into "Rx Only" mode, push the "Alpha" button, press "8", and then press "E".
Let us know how you make out.
AlexK2AJR
P.S. Was this the one that sold recently on eBay?

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, October 22, 2014 8:14 PM
Subject: [transworld_radio] Set Tx Mode on TW7000F

  Hi:

I've received a TW7000F suitcase radio and can set the simplex frequency, USB mode and the other parameters controlled
by the buttons below the LCD.
But Rx is showing just below the frequency and when I hold PTT down the screen blanks and no transmission.

How to get it to work as a transceiver?

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<!--

1152. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-23 20:19:29 UTC
From: Brooke Clarke
Topic: 1149 Message: 1152

Hi Alex:

For a fraction of a second after pressing <alpha> 1 8 E the LCD shows Rx/Tx but the display shows Rx under the frequency
and pressing PTT blanks the LCD.

Yes, item 381018601926
described as "The transceiver itself is in excellent condition both electrically and cosmetically and comes fully loaded
with all available options including ALE."

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
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Alex J Rokowetz belarok@... [transworld_radio] wrote:
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>
>
>
>
>
>

1153. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-30 05:44:06 UTC
From: Brooke Clarke
Topic: 1149 Message: 1153

Hi Alex:

12 Volt Input
I tried using two different 12 V supplies, one of which (HP 6038) is good for 10 amps, and when the radio is in Rx mode
draws 2.7 amps.
But when PTT pressed in Low Power mode the radio draws 4.6 amps and the LCD goes blank.

115 VAC
When in Rx mode the 12V input connector measures 13.91 VDC and when PTT is pressed it still measures 13.91 VDC.
That's not what I was expecting.

I now have the owner's manual for the TW7000F and a technical manual, but it does not contain any info on the AC power
supply.

What would be the next step to diagnose this problem?
Can you tell me who made the AC power supply?
Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
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>> It is possible to set individual channels to "Rx Only" mode. Do your symptoms occur on all channels?
>>
>> To take a channel out of "Rx Only" mode, push the "Alpha" button, press "18", and then press "E".
>>
>> To put a channel into "Rx Only" mode, push the "Alpha" button, press "8", and then press "E".
>>
>> Let us know how you make out.
>>
>> Alex
>> K2AJR
>>
>> P.S. Was this the one that sold recently on eBay?
>>
>> ----------
>> *From:* "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
>> *To:* transworld_radio@yahoogroups.com
>> *Sent:* Wednesday, October 22, 2014 8:14 PM
>> *Subject:* [transworld_radio] Set Tx Mode on TW7000F
>>
>> Hi:
>>
>> I've received a TW7000F suitcase radio and can set the simplex frequency, USB mode and the other parameters controlled
>> by the buttons below the LCD.
>> But Rx is showing just below the frequency and when I hold PTT down the screen blanks and no transmission.
>>
>> How to get it to work as a transceiver?
>>
>> --
>> Have Fun,
>>
>> Brooke Clarke, N6GCE
>> http://www.PRC68.com
>> http://www.end2partygovernment.com/2012Issues.html
>> http://www.prc68.com/I/DietNutrition.html
>>
>>
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>>

```
>
>
> ------------------------------------
> Posted by: Brooke Clarke <brooke@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
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>
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>
```

1154. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-30 05:53:06 UTC
From: Brooke Clarke
Topic: 1149 Message: 1154

Hi Alex:

12 Volt Input
I tried using two different 14.5 VDC supplies, one of which (HP 6038) is good for 10 amps, and when the radio is in Rx
mode draws 2.7 amps.
But when PTT pressed in Low Power Tx mode the radio draws 4.6 amps and the LCD goes blank.
I think the current is being limited by the TW7000F, not my power supply since both supplies show the same current and
can deliver much more.
Maybe some kind of fold back in the TW7000F?

Can you tell me the DC input current needed for L, M and H Tx power levels?
High power at 100 watts under 22 amps;
medium at 25 watts I’m guessing under 10 amps and
low power at 10 watts I’m guessing under 4 amps all of this into a 50-ohm load.
Using the tuner, I’m guessing 3 to 5 more amps depending on the VSWR.
---

115 VAC
When in Rx mode the 12V input connector measures 13.91 VDC and when PTT is pressed it still measures 13.91 VDC.
That's not what I was expecting. I'm guessing the AC supply is OK and there's something wrong with the rest of the radio.

I now have the owner's manual for the TW7000F and a technical manual, but it does not contain any info on the AC power
supply.

What would be the next step to diagnose this problem?
I'm thinking pull it apart and check the power supply output voltages since the higher power supplies do not show up on
the external connectors.

Can you tell me who made the AC power supply?

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1155. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-30 05:57:16 UTC
From: Brooke Clarke
Topic: 1149 Message: 1155

Hi:

Sorry, that was supposed to go to Datron/Transworld.

--
Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1156. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-30 08:28:59 UTC
From: tacticalwookie
Topic: 1149 Message: 1156

I've got one with a bad AC supply, Brooke. Try running the transceiver directly from the DC supply, maybe? Ira
-------- Original message --------
From: "Brooke Clarke brooke@pacific.net [transworld_radio]"
Date:10/29/2014 22:53 (GMT-08:00)
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Set Tx Mode on TW7000F

Hi Alex: 12 Volt Input I tried using two different 14.5 VDC supplies, one of which (HP 6038) is good for 10 amps, and when the radio is in Rx mode draws 2.7 amps. But when PTT pressed in Low Power Tx mode the radio draws 4.6 amps and the LCD goes blank. I think the current is being limited by the TW7000F, not my power supply since both supplies show the same current and can deliver much more. Maybe some kind of fold back in the TW7000F? ---------- Can you tell me the DC input current needed for L, M and H Tx power levels? High power at 100 watts under 22 amps; medium at 25 watts I'm guessing under 10 amps and low power at 10 watts I'm guessing under 4 amps all of this into a 50-ohm load. Using the tuner, I'm guessing 3 to 5 more amps depending on the VSWR. ---------- 115 VAC When in Rx mode the 12V input connector measures 13.91 VDC and when PTT is pressed it still measures 13.91 VDC. That's not what I was expecting. I'm guessing the AC supply is OK and there's something wrong with the rest of the radio. I now have the owner's manual for the TW7000F and a technical manual, but it does not contain any info on the AC power supply. What would be the next step to diagnose this problem? I'm thinking pull it apart and check the power supply output voltages since the higher power supplies do not show up on the external connectors. Can you tell me who made the AC power supply? -- Have Fun, Brooke Clarke http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1157. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-30 17:22:23 UTC
From: Brooke Clarke
Topic: 1149 Message: 1157

Hi Ira:

My initial thought was a bad AC supply, but when measuring the voltage on the DC input connector with no DC input, it
stayed constant at 13.91V when the AC supply was the power source in both Rx mode (radio working) and when PTT was
pressed and the LCD goes dead.

I tried using an external lab DC supply (http://www.prc68.com/I/HP6038A.shtml) and see 2.7 amps in Rx mode and 4.7 amps
in Tx mode when the LCD dies.
Also tried a different DC lab supply and saw the same result.

So now I'm thinking that the problem is not with the AC supply. But most likely with the power amplifier which gets
turned on in Tx mode.

I just received the owners manual and Technical Manual for the TW7000F and so far there's some things missing:
1) technical information on the AC supply, it's just shows up as a block with auto select 115/230 line input and "12
Volt" DC output.
(Do you have any info on the AC supply, like who made it and the model number? Have you checked the ESR of the
electrolytic caps?)
2) any information on how the PTT works or how Rx/Tx is determined
3) manufacturer & model number for the two audio connectors on the front panel.

Haven't made a web page for it yet.

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
tacticalwookie tacticalwookie@... [transworld_radio] wrote:
>
>
> I've got one with a bad AC supply, Brooke.
> Try running the transceiver directly from the DC supply, maybe?
>
> Ira
>
>
>

>
> -------- Original message --------
> From: "Brooke Clarke brooke@... [transworld_radio]"
> Date:10/29/2014 22:53 (GMT-08:00)
> To: transworld_radio@yahoogroups.com
> Subject: Re: [transworld_radio] Set Tx Mode on TW7000F
>
> Hi Alex:
>
> 12 Volt Input
> I tried using two different 14.5 VDC supplies, one of which (HP 6038) is good for 10 amps, and when the radio is in Rx
> mode draws 2.7 amps.
> But when PTT pressed in Low Power Tx mode the radio draws 4.6 amps and the LCD goes blank.
> I think the current is being limited by the TW7000F, not my power supply since both supplies show the same current and
> can deliver much more.
> Maybe some kind of fold back in the TW7000F?
>
> ------------------------
> Can you tell me the DC input current needed for L, M and H Tx power levels?
> High power at 100 watts under 22 amps;
> medium at 25 watts I’m guessing under 10 amps and
> low power at 10 watts I’m guessing under 4 amps all of this into a 50-ohm load.
> Using the tuner, I’m guessing 3 to 5 more amps depending on the VSWR.
> ----------------------
>
> 115 VAC
> When in Rx mode the 12V input connector measures 13.91 VDC and when PTT is pressed it still measures 13.91 VDC.
> That's not what I was expecting. I'm guessing the AC supply is OK and there's something wrong with the rest of the radio.
>
> I now have the owner's manual for the TW7000F and a technical manual, but it does not contain any info on the AC power
> supply.
>
> What would be the next step to diagnose this problem?
> I'm thinking pull it apart and check the power supply output voltages since the higher power supplies do not show up
> on the external connectors.
>
> Can you tell me who made the AC power supply?
>
>
> Mail_Attachment --
> Have Fun,
>
> Brooke Clarke

> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
>
>

1158. Re: [transworld_radio] Set Tx Mode on TW7000F

Yahoo group: transworld_radio
Date: 2014-10-31 17:27:37 UTC
From: tacticalwookie
Topic: 1149 Message: 1158

Haven't delved into it much more than getting the radio to work... There's no power on the BNC to operate the tuner, and the AC supply is dead. Bought it from a surplus guy as a basket case.... The radio was removed from it's suitcase, and missing the bottom cover. Suitcase is missing a latch, no cables. The radio transmits and receives using an external 12 source. Also have a tw100F/AT that won't initiate the tuner anymore... Too many projects! --Ira
-------- Original message --------
From: "Brooke Clarke brooke@pacific.net [transworld_radio]"
Date:10/30/2014 10:22 (GMT-08:00)
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Set Tx Mode on TW7000F

Hi Ira: My initial thought was a bad AC supply, but when measuring the voltage on the DC input connector with no DC input, it stayed constant at 13.91V when the AC supply was the power source in both Rx mode (radio working) and when PTT was pressed and the LCD goes dead. I tried using an external lab DC supply (http://www.prc68.com/I/HP6038A.shtml) and see 2.7 amps in Rx mode and 4.7 amps in Tx mode when the LCD dies. Also tried a different DC lab supply and saw the same result. So now I'm thinking that the problem is not with the AC supply. But most likely with the power amplifier which gets turned on in Tx mode. I just received the owners manual and Technical Manual for the TW7000F and so far there's some things missing: 1) technical information on the AC supply, it's just shows up as a block with auto select 115/230 line input and "12 Volt" DC output. (Do you have any info on the AC supply, like who made it and the model number? Have you checked the ESR of the electrolytic caps?) 2) any information on how the PTT works or how Rx/Tx is determined 3) manufacturer & model number for the two audio connectors on the front panel. Haven't made a web page for it yet. -- Have Fun, Brooke Clarke, N6GCE http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html tacticalwookie tacticalwookie@gmail.com [transworld_radio] wrote: I've got one with a bad AC supply, Brooke. Try running the transceiver directly from the DC supply, maybe? Ira -------- Original message -------- From: "Brooke Clarke brooke@pacific.net [transworld_radio]" Date:10/29/2014 22:53 (GMT-08:00) To: transworld_radio@yahoogroups.com Subject: Re: [transworld_radio] Set Tx Mode on TW7000F Hi Alex: 12 Volt Input I tried using two different 14.5 VDC supplies, one of which (HP 6038) is good for 10 amps, and when the radio is in Rx mode draws 2.7 amps. But when PTT pressed in Low Power Tx mode the radio draws 4.6 amps and the LCD goes blank. I think the current is being limited by the TW7000F, not my power supply since both supplies show the same current and can deliver much more. Maybe some kind of fold back in the TW7000F? ---------- Can you tell me the DC input current needed for L, M and H Tx power levels? High power at 100 watts under 22 amps; medium at 25 watts I’m guessing under 10 amps and low power at 10 watts I’m guessing under 4 amps all of this into a 50-ohm load. Using the tuner, I’m guessing 3 to 5 more amps depending on the VSWR. ---------- 115 VAC When in Rx mode the 12V input connector measures 13.91 VDC and when PTT is pressed it still measures 13.91 VDC. That's not what I was expecting. I'm guessing the AC supply is OK and there's something wrong with the rest of the radio. I now have the owner's manual for the TW7000F and a technical manual, but it does not contain any

info on the AC power supply. What would be the next step to diagnose this problem? I'm thinking pull it apart and check the power supply output voltages since the higher power supplies do not show up on the external connectors. Can you tell me who made the AC power supply? -- Have Fun, Brooke Clarke http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1159. Transworld TW100 for sale

Yahoo group: transworld_radio
Date: 2014-11-03 14:25:07 UTC
From: Dennis
Topic: 891 Message: 1159

I will only respond to messages sent via direct email.

I have a good working example recently surplussed by the National Guard. 2nd generation 4 knob version. Includes original black Shure 444 type desk mic & AC power cord.

$485 shipped(includes about $50 postage & insurance). Paypal ok +3% or sent as gift. If you don't want the mic you can deduct $50.00 and I'll through in just a mic connector instead.

No, this is not a Flyaway.
spike dot dennis at yahoo dot com
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1160. TW7000 Keyboard?

Yahoo group: transworld_radio
Date: 2014-11-21 06:40:03 UTC
From: n7shm@...
Topic: 1160 Message: 1160

Has anyone connected a keyboard up to the TW7000? ACC3 on the back has pins for a keyboard and the manuals make mention of it. I've tried wiring it up, but haven't found the key, yet.

Any help is appreciated.

Dan
N7SHM

1161. Re: [transworld_radio] TW7000 Keyboard?

Yahoo group: transworld_radio
Date: 2014-11-21 10:00:35 UTC
From: Alex J Rokowetz
Topic: 1160 Message: 1161

Hi Dan,
I myself have never done nor heard of someone doing it. Like you, I have seen it referenced in the Datron documentation. Hopefully someone else on this list can shed some light on this.
AlexK2AJR

From: "n7shm@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, November 21, 2014 1:40 AM
Subject: [transworld_radio] TW7000 Keyboard?

  Has anyone connected a keyboard up to the TW7000? ACC3 on the back has pins for a keyboard and the manuals make mention of it. I've tried wiring it up, but haven't found the key, yet.
Any help is appreciated.

  Dan N7SHM <!--

1162. Model SS10

Yahoo group: transworld_radio
Date: 2014-12-19 18:46:49 UTC
From: Mike Feher
Topic: 1162 Message: 1162

I just received a model SS10 that I purchased on eBay, item 191441317475 .
Can anyone help with any info? Searching the web did not result in anything
for me. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1163. Re: [transworld_radio] Model SS10

Yahoo group: transworld_radio
Date: 2014-12-19 18:51:09 UTC
From: Dennis
Topic: 1162 Message: 1163

Good luck with that! I got nothing on it.I figured maybe it would bring $50 at the most. W9RAN has come up with a solid state xtal replacement system so don't buy any until he's posted it's particulars. Cost is about $5 per channel. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 19, 2014 12:46 PM
Subject: [transworld_radio] Model SS10

<!--#yiv8741876477 #yiv8741876477 .yiv8741876477ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8741876477 div.yiv8741876477ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv8741876477 div.yiv8741876477photo-title a, #yiv8741876477 div.yiv8741876477photo-title a:active, #yiv8741876477 div.yiv8741876477photo-title a:hover, #yiv8741876477 div.yiv8741876477photo-title a:visited {text-decoration:none;}#yiv8741876477 div.yiv8741876477attach-table div.yiv8741876477attach-row {clear:both;}#yiv8741876477 div.yiv8741876477attach-table div.yiv8741876477attach-row div {float:left;}#yiv8741876477 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8741876477 div.yiv8741876477ygrp-file {width:30px;}#yiv8741876477 div.yiv8741876477attach-table div.yiv8741876477attach-row div div a {text-decoration:none;}#yiv8741876477 div.yiv8741876477attach-table div.yiv8741876477attach-row div div span {font-weight:normal;}#yiv8741876477 div.yiv8741876477ygrp-file-title {font-weight:bold;}#yiv8741876477 --> <!--#yiv8741876477 _filtered #yiv8741876477 {font-family:"Cambria Math";panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv8741876477 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv8741876477 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv8741876477 #yiv8741876477 p.yiv8741876477MsoNormal, #yiv8741876477 li.yiv8741876477MsoNormal, #yiv8741876477 div.yiv8741876477MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:11.0pt;font-family:"Calibri", "sans-serif";}#yiv8741876477 a:link, #yiv8741876477 span.yiv8741876477MsoHyperlink {color:blue;text-decoration:underline;}#yiv8741876477 a:visited, #yiv8741876477 span.yiv8741876477MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv8741876477 span.yiv8741876477EmailStyle17 {font-family:"Calibri", "sans-serif";color:windowtext;}#yiv8741876477 .yiv8741876477MsoChpDefault {font-family:"Calibri", "sans-serif";} _filtered #yiv8741876477 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv8741876477 div.yiv8741876477WordSection1 {}-->

I just received a model SS10 that I purchased on eBay, item 191441317475 . Can anyone help with any info? Searching the web did not result in anything for me. Thanks & 73 – Mike

Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1164. Re: [transworld_radio] Model SS10

Yahoo group: transworld_radio
Date: 2014-12-19 18:53:49 UTC
From: john
Topic: 1162 Message: 1164

Great buy! I see it on ebay...

John K5MO

At 01:46 PM 12/19/2014, 'Mike Feher' n4fs@... [transworld_radio] wrote:
>I just received a model SS10 that I purchased on eBay, item 191441317475 .
>Can anyone help with any info? Searching the web did not result in anything
>for me. Thanks & 73 - Mike
>
>
>
>Mike B. Feher, N4FS
>
>89 Arnold Blvd.
>
>Howell, NJ, 07731
>
>732-886-5960
>
>
>
>
>WARNING: The remainder of this message has not been transferred.
>The estimated size of this message is 11407 bytes.
>Click on the Retrieve From Server icon above and check mail again to get
>the whole thing. (If you're reading this in the preview pane, you'll need
>to open the message to see the icon.) If the Retrieve From Server icon is
>not showing, then this message is no longer on the server.

III

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1165. RE: [transworld_radio] Model SS10

Yahoo group: transworld_radio
Date: 2014-12-19 18:55:05 UTC
From: Mike Feher
Topic: 1162 Message: 1165

Thanks for the encouragement Dennis, HI. I figured the PA was worth at least $75, so, was not too worried. Regarding crystals, a cheap DDS can do the trick. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Friday, December 19, 2014 1:51 PM
To: n4fs@...; transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Model SS10

Good luck with that! I got nothing on it.

I figured maybe it would bring $50 at the most.

W9RAN has come up with a solid state xtal replacement system so don't buy any until he's posted it's particulars. Cost is about $5 per channel.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 19, 2014 12:46 PM
Subject: [transworld_radio] Model SS10

I just received a model SS10 that I purchased on eBay, item 191441317475 . Can anyone help with any info? Searching the web did not result in anything for me. Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1166. Re: [transworld_radio] Model SS10 xtal sub system

Yahoo group: transworld_radio
Date: 2014-12-19 19:07:46 UTC
From: Dennis
Topic: 1162 Message: 1166

Yes, but the DDS can not be operated from the front panel channel selector. Nor are they very current conservative.

Bob has designed a minimally invasive, 4 channel oscillator board that can be interfaced into equipment utilizing existing controls. I only operate on a handful of frequencies so I look forward to playing with the first run boards he sent me. Should be great for putting these old xtal rigs on 60 meters.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 19, 2014 12:55 PM
Subject: RE: [transworld_radio] Model SS10

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font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7536306359
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und-color:white;border:1px solid black;height:62px;width:62px;}#yiv7536306359
div.yiv7536306359photo-title a, #yiv7536306359 div.yiv7536306359photo-title a:active,
#yiv7536306359 div.yiv7536306359photo-title a:hover, #yiv7536306359
div.yiv7536306359photo-title a:visited {text-decoration:none;}#yiv7536306359
div.yiv7536306359attach-table div.yiv7536306359attach-row {clear:both;}#yiv7536306359
div.yiv7536306359attach-table div.yiv7536306359attach-row div {float:left;}#yiv7536306359
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{font-weight:normal;}#yiv7536306359 div.yiv7536306359ygrp-file-title
{font-weight:bold;}#yiv7536306359 #yiv7536306359 #yiv7536306359 #yiv7536306359 --
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#yiv7536306359 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered
#yiv7536306359 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv7536306359
{font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv7536306359
{font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv7536306359
{font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv7536306359
{font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv7536306359 #yiv7536306359
p.yiv7536306359MsoNormal, #yiv7536306359 li.yiv7536306359MsoNormal, #yiv7536306359
div.yiv7536306359MsoNormal
{margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv7536306359 a:link, #yiv7536306359
span.yiv7536306359MsoHyperlink {color:blue;text-decoration:underline;}#yiv7536306359
a:visited, #yiv7536306359 span.yiv7536306359MsoHyperlinkFollowed

{color:purple;text-decoration:underline;}#yiv7536306359 p
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv7536306359 code {}#yiv7536306359
pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv7536306359 tt {}#yiv7536306359
p.yiv7536306359MsoAcetate, #yiv7536306359 li.yiv7536306359MsoAcetate, #yiv7536306359
div.yiv7536306359MsoAcetate
{margin:0in;margin-bottom:.0001pt;font-size:8.0pt;}#yiv7536306359
span.yiv7536306359HTMLPreformattedChar {font-family:Consolas;}#yiv7536306359
p.yiv7536306359attach, #yiv7536306359 li.yiv7536306359attach, #yiv7536306359
div.yiv7536306359attach {margin-right:0in;margin-left:0in;font-size:9.0pt;}#yiv7536306359
p.yiv7536306359bold, #yiv7536306359 li.yiv7536306359bold, #yiv7536306359
div.yiv7536306359bold
{margin-right:0in;margin-left:0in;font-size:10.0pt;font-weight:bold;}#yiv7536306359
p.yiv7536306359green, #yiv7536306359 li.yiv7536306359green, #yiv7536306359
div.yiv7536306359green
{margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv7536306359
p.yiv7536306359replbq, #yiv7536306359 li.yiv7536306359replbq, #yiv7536306359
div.yiv7536306359replbq {margin:3.0pt;font-size:12.0pt;}#yiv7536306359 p.yiv7536306359ad,
#yiv7536306359 li.yiv7536306359ad, #yiv7536306359 div.yiv7536306359ad
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv7536306359
p.yiv7536306359underline, #yiv7536306359 li.yiv7536306359underline, #yiv7536306359
div.yiv7536306359underline
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv7536306359
span.yiv7536306359yshortcuts {}#yiv7536306359 p.yiv7536306359ad1, #yiv7536306359
li.yiv7536306359ad1, #yiv7536306359 div.yiv7536306359ad1
{margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv7536306359 p.yiv7536306359ad2,
#yiv7536306359 li.yiv7536306359ad2, #yiv7536306359 div.yiv7536306359ad2
{margin-right:0in;margin-bottom:7.5pt;margin-left:0in;font-size:12.0pt;}#yiv7536306359
p.yiv7536306359underline1, #yiv7536306359 li.yiv7536306359underline1, #yiv7536306359
div.yiv7536306359underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv7536306359 span.yiv7536306359yshortcuts1
{font-weight:bold;}#yiv7536306359 span.yiv7536306359yshortcuts2
{font-weight:normal;}#yiv7536306359 span.yiv7536306359BalloonTextChar {}#yiv7536306359
span.yiv7536306359EmailStyle36 {color:#1F497D;}#yiv7536306359 .yiv7536306359MsoChpDefault
{font-size:10.0pt;} _filtered #yiv7536306359 {margin:1.0in 1.0in 1.0in
1.0in;}#yiv7536306359 div.yiv7536306359WordSection1 {}#yiv7536306359 _filtered
#yiv7536306359 {} _filtered #yiv7536306359 {font-family:Symbol;} _filtered #yiv7536306359
{} _filtered #yiv7536306359 {font-family:Wingdings;} _filtered #yiv7536306359
{font-family:Wingdings;} _filtered #yiv7536306359 {font-family:Wingdings;} _filtered
#yiv7536306359 {font-family:Wingdings;} _filtered #yiv7536306359 {font-family:Wingdings;}
_filtered #yiv7536306359 {font-family:Wingdings;} _filtered #yiv7536306359
{font-family:Wingdings;}#yiv7536306359 ol {margin-bottom:0in;}#yiv7536306359 ul
{margin-bottom:0in;}#yiv7536306359

Thanks for the encouragement Dennis, HI. I figured the PA was worth at least $75, so, was not too worried. Regarding crystals, a cheap DDS can do the trick. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Friday, December 19, 2014 1:51 PM
To: n4fs@...; transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Model SS10 Good luck with that! I got nothing on it.I figured maybe it would bring $50 at the most.

W9RAN has come up with a solid state xtal replacement system so don't buy any until he's posted it's particulars. Cost is about $5 per channel. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 19, 2014 12:46 PM
Subject: [transworld_radio] Model SS10 I just received a model SS10 that I purchased on eBay, item 191441317475 . Can anyone help with any info? Searching the web did not result in anything for me. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1167. RE: [transworld_radio] Model SS10 xtal sub system

Yahoo group: transworld_radio
Date: 2014-12-19 19:39:25 UTC
From: Mike Feher
Topic: 1162 Message: 1167

I built my first DDS in the very early 70's. Indeed, back then they did draw a lot of power. Today they use CMOS technology on a single chip, and, hardly draw any power. My intention would be to just to use it externally, and plug it into existing crystal sockets. Seems pretty simple. For narrow band sections, I bet 4 bands could be covered easily, like 75, 40, 20 and 10. The band-switch could be used to select a band, rather than frequency, without any changes. Another project for retirement. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Friday, December 19, 2014 2:08 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Model SS10 xtal sub system

Yes, but the DDS can not be operated from the front panel channel selector. Nor are they very current conservative.

Bob has designed a minimally invasive, 4 channel oscillator board that can be interfaced into equipment utilizing existing controls. I only operate on a handful of frequencies so I look forward to playing with the first run boards he sent me. Should be great for putting these old xtal rigs on 60 meters.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 19, 2014 12:55 PM
Subject: RE: [transworld_radio] Model SS10

Thanks for the encouragement Dennis, HI. I figured the PA was worth at least $75, so, was not too worried. Regarding crystals, a cheap DDS can do the trick. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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To: n4fs@...; transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Model SS10

Good luck with that! I got nothing on it.

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W9RAN has come up with a solid state xtal replacement system so don't buy any until he's posted it's particulars. Cost is about $5 per channel.

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To: transworld_radio@yahoogroups.com
Sent: Friday, December 19, 2014 12:46 PM
Subject: [transworld_radio] Model SS10

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1168. Scan fuction failure on 2 of mt TW100's.

Yahoo group: transworld_radio
Date: 2014-12-19 22:31:52 UTC
From: Dennis
Topic: 1168 Message: 1168

Before I dive into it I thought I'd ask if anybody else has had this problem.
The scan function has failed on two of my radios. The first is a receive only TW100 that will not scan if it's cold in the room. Warm up the room and it does great. I've been into it heating up things with a soldering iron, and cooling with freeze spray. I can duplicate the problem but it too sensitive to narrow it down.
The second radio has been scanning away for years & just last week decided not to any more. You press the scan button, you can hear it click as if it's scanning, but the channel just stays on number one.
Any ideas? Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1169. TW7000 Interfacing and ALE

Yahoo group: transworld_radio
Date: 2014-12-26 23:19:53 UTC
From: n7shm@...
Topic: 1169 Message: 1169

I have a Datron TW7000 with the ALE option that I've been trying to get on the air. Though it works ALE with the internal board, access via the front panel is a challenge - at least for anything other than a locked-down, voice-only network. The front panel gymnastics required to set the radio up, in general, are pretty awkward. I'll guess that Datron's software makes ALE more practical --- and will continue only guessing until/unless I find it available at a reasonable price.

The TW7000's three (3) DB-25 ports provide access to lots of internal goodies. RS-232 is largely supported, but not via standard DB-25 pinouts. I used an old A/B switch box to break out the TW-7000's ACC1 and ACC3 ports. ACC3 has keyboard lines of future interest.

Below are the ACC1 pins in use here for interfacing to MARS-ALE, plus a couple other functions. Datron/Transworld labels are pretty self-explanatory.

```
=====
1 - GND [signal and shield]
2 - COM1RXD
3 - COM1CTS [not used, but wired through]
4 - COM1TXD
5 - COM1RTS [not connected; MARS-ALE offers use of the line for speaker muting]
6 - BALRXA1
7 - BALRXA2
8 - BALTXA1
9 - BALTXA2
10 - AUXPTT\ [keyed from MARS-ALE with the computer's RTS line]
...
13 - +12VACC (500 mA)
14 - EXTCWKEY
=====
```

The TW7000 appears to echo commands and functions initiated at the front panel and under internal processor control. By monitoring the serial connection with a terminal program and experimenting a bit, I found the radio sent the following:

```
*SC0 [Scan switched off (e.g. by front panel buttons)]
*SC1 - [Scan switched on]
*RFL - [RF Power low set]
*RFM - [RF Power medium set]
*RFH - [RF Power high set]
*EA1 - [External amp set on]
*EA0 - [External amp set off]
*MOSUP - [Mode USB PCS set (e.g. by front panel buttons)]
*MOSLA - [Mode LSB AME set]
*MOSUA - [Mode USB AME set]
*MOSLD - [Mode LSB Data set]
*MOSUD - [Mode USB Data set]
*MOSLL - [Mode LSB set]
```

*MOSUU - [Mode USB set]

Note that an asterisk ("*") precedes each command.

Each of these can also be sent to the radio from the computer. The command (e.g. "*RFH", without the quotation marks) has to be ended by a carriage return (CR or "Enter"). Natural enough from the terminal screen, but note that a CR (e.g. "CR1") has to be added from any software control - in MARS-ALE Man-Machine Interface (MMI) macros, for example. All of the commands control the radio, as could be expected, except for the Scan ones; they don't seem to do anything but turn on and off the front panel scan indicator. Ditto with the keying commands noted below.

A couple other very useful commands:

*FRS00950000 - [Frequency set to 00.950.000 (950 kHz) (Requires all zeroes)]
*0 - [Returns current channel (e.g. CH040)]
*CHnnn - [Switches the radio to channel nnn]

Other observations:

- Anything without the leading asterisk yields a "*2" response from the radio.
- No single character other than a "*0" seems to do anything.
- The symbols '#' and '$' don't generate a '*2' response; no single number or character following either yields a response, though.
-
Lots of information is sent by the radio during scanning, especially ALE scanning. For example, the following would show up while scanning and sounding. I'm guessing that the "*A" prefix is associated with ALE control; that's the only time it's been noticed.

*ACH47 [at Channel 47]
*ALK7000 [sounding]

*AKY1 [keyed]
*AKY0 [unkeyed]
*SC1 [scanning resumed - of the ALE group, in this case]

The following is example of a sounding received on Channel 45. I'm guessing that the '10' in "*ALK8010" corresponds to a slot in TW7000's list of 'OTHER ADRS', but didn't verify. The "*A%LQ..." appears to be a link quality figure.

*ACH45
*ALK8010
*A%LQ--301045*1
*ACH46

That all I have for now. More on MMI_RADIO interfacing in the MARS-ALE forum and files.

Dan
N7SHM

1170. Re: [transworld_radio] TW7000 Interfacing and ALE

Yahoo group: transworld_radio
Date: 2014-12-26 23:34:54 UTC
From: Alex J Rokowetz
Topic: 1169 Message: 1170

Dan,
I have been following your posts on the MARS-ALE Yahoo group. I use ALE in MARS but have simply used the Datron internal ALE card and never used the MARS ALE software. I can't thank you enough for sharing this information.
THANK YOU!
AlexK2AJR
From: "n7shm@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 26, 2014 6:19 PM
Subject: [transworld_radio] TW7000 Interfacing and ALE

I have a Datron TW7000 with the ALE option that I've been trying to get on the air. Though it works ALE with the internal board, access via the front panel is a challenge - at least for anything other than a locked-down, voice-only network. The front panel gymnastics required to set the radio up, in general, are pretty awkward. I'll guess that Datron's software makes ALE more practical --- and will continue only guessing until/unless I find it available at a reasonable price.

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14 - EXTCWKEY
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*SC1 - [Scan switched on]

*RFL - [RF Power low set]
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*MOSUA - [Mode USB AME set]
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*MOSUD - [Mode USB Data set]
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Note that an asterisk ("*") precedes each command.
Each of these can also be sent to the radio from the computer. The command (e.g. "*RFH", without the quotation marks) has to be ended by a carriage return (CR or "Enter"). Natural enough from the terminal screen, but note that a CR (e.g. "CR1") has to be added from any software control - in MARS-ALE Man-Machine Interface (MMI) macros, for example. All of the commands control the radio, as could be expected, except for the Scan ones; they don't seem to do anything but turn on and off the front panel scan indicator. Ditto with the keying commands noted below.

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*ACH45
*ALK8010
*A%LQ--301045*1
*ACH46

That all I have for now. More on MMI_RADIO interfacing in the MARS-ALE forum and files.
Dan N7SHM

1171. Re: [transworld_radio] TW7000 Interfacing and ALE

Yahoo group: transworld_radio
Date: 2014-12-27 18:32:35 UTC
From: n7shm@...
Topic: 1169 Message: 1171

Alex,

Glad to be of help. Will look forward to hearing about your experiences.

Dan
N7SHM

1172. TW7000 Pewer Connector -

Yahoo group: transworld_radio
Date: 2014-12-28 19:10:30 UTC
From: Mike Feher
Topic: 1172 Message: 1172

Can someone please suggest a source for the DC power plug for the TW7000 that would normally come with their C991829 power cable? Thanks, 73 & all the best for 2015 - Mike .

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1173. Re: [transworld_radio] TW7000 Pewer Connector -

Yahoo group: transworld_radio
Date: 2014-12-28 19:34:41 UTC
From: Alex J Rokowetz
Topic: 1172 Message: 1173

Mike,
In the past, I've ordered mine from Mouser and Newark.
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, December 28, 2014 2:10 PM
Subject: [transworld_radio] TW7000 Pewer Connector -

Can someone please suggest a source for the DC power plug for the TW7000 that would normally come with their C991829 power cable? Thanks, 73 & all the best for 2015 – Mike .
Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1174. RE: [transworld_radio] TW7000 Pewer Connector -

Yahoo group: transworld_radio
Date: 2014-12-28 19:36:23 UTC
From: Mike Feher
Topic: 1172 Message: 1174

Thanks Alex. Do you have a part number? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, December 28, 2014 2:35 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 Pewer Connector -

Mike,

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Alex

K2AJR

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1175. Re: [transworld_radio] TW7000 Pewer Connector -

Yahoo group: transworld_radio
Date: 2014-12-28 20:11:22 UTC
From: Alex J Rokowetz
Topic: 1172 Message: 1175

Hi Mike.

That connector is made by AMP and the part number is 206037-2.
You'll also need a strain relief clamp, part number 206322-9 should do the trick.
You'll also need two contacts, part number 66740-8, 66740-6, or 66740-2 will do. These contacts will fit 16 - 12 AWG wire.
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, December 28, 2014 2:36 PM
Subject: RE: [transworld_radio] TW7000 Pewer Connector -

  Thanks Alex. Do you have a part number? 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

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Sent: Sunday, December 28, 2014 2:10 PM
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1176. RE: [transworld_radio] TW7000 Pewer Connector -

Yahoo group: transworld_radio
Date: 2014-12-28 23:38:24 UTC
From: Mike Feher
Topic: 1172 Message: 1176

Alex –

Thanks a whole lot for that well detailed information. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, December 28, 2014 3:11 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 Pewer Connector -

Hi Mike.

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You'll also need a strain relief clamp, part number 206322-9 should do the trick.

You'll also need two contacts, part number 66740-8, 66740-6, or 66740-2 will do. These contacts will fit 16 - 12 AWG wire.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, December 28, 2014 2:36 PM
Subject: RE: [transworld_radio] TW7000 Pewer Connector -

Thanks Alex. Do you have a part number? 73 – Mike

Mike B. Feher, N4FS

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Howell, NJ, 07731

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To: transworld_radio@yahoogroups.com

Subject: Re: [transworld_radio] TW7000 Pewer Connector -

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1177. TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-03 19:23:03 UTC
From: Mike Feher
Topic: 1177 Message: 1177

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1178. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-03 20:03:44 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1178

Mike,
I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1179. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-03 20:12:46 UTC
From: Mike Feher
Topic: 1177 Message: 1179

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

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Let us know what you find.

Alex

K2AJR

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To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1180. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-03 23:21:49 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1180

Mike,
I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.
With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.
AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]"
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To: transworld_radio@yahoogroups.com
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Subject: Re: [transworld_radio] TW7000 problems? Mike, I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard. BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those. Let us know what you find. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]"

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1181. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-04 03:41:33 UTC
From: n7shm@...
Topic: 1177 Message: 1181

Mike,

Same experience here with the value of the BITE test and reseating of board.

Also, could it be the CW side tone? Is the radio in TX? The microphone jacks include CW lines that can be shorted to ground.

Dan
N7SHM

1182. TW7000F PS Location?

Yahoo group: transworld_radio
Date: 2015-01-09 03:06:04 UTC
From: Brooke Clarke
Topic: 1182 Message: 1182

Hi:

I received a TW7000F Flyaway suitcase radio and when the PTT is pressed the LCD goes blank.
The voltage on the DC input connector, when the radio is powered by 120 VAC is 13.9 VDC with PTT up or pressed.
So I think the problem is with either the internal DC to DC power supply or the RF amplifier.

Where are they?

See photos at:
http://www.prc68.com/I/TW7000F.html

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1183. Re: [transworld_radio] TW7000F PS Location?

Yahoo group: transworld_radio
Date: 2015-01-09 04:01:05 UTC
From: Alex J Rokowetz
Topic: 1182 Message: 1183

Brooke,
After a 16 hour work day my brain is fried, but I suggest looking removing the I/O module and looking underneath. After you get that off, pop off the main chassis cover and find a metal module inside the main chassis toward the rear, behind all of the cards. I have a bunch of photos of the inside of my flyaway from several ago when I worked on it but they are posted to the 40M USB group. I am too tired tonight to download them and post here.
If you still need them tomorrow let me know.
AlexK2AJRk2ajr@...
  From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, January 8, 2015 10:06 PM
Subject: [transworld_radio] TW7000F PS Location?

  Hi:

I received a TW7000F Flyaway suitcase radio and when the PTT is pressed the LCD goes blank.
The voltage on the DC input connector, when the radio is powered by 120 VAC is 13.9 VDC with PTT up or pressed.
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1184. Re: [transworld_radio] TW7000F PS Location?

Yahoo group: transworld_radio
Date: 2015-01-10 01:33:24 UTC
From: Brooke Clarke
Topic: 1182 Message: 1184

Hi Alex:

The large PCB shown in Fig 8 seems to be a motherboard with a lot of sockets on it, so removing all those screws does
not seem to be a good idea.
Maybe the Flyaway radio is upside down compared to a desk top radio?
http://www.prc68.com/I/TW7000F.html#Photos

In Fig 7 there seems to be a box sitting on the radio with all the I/O, I assume that's the "I/O Module". But how to
get it off the radio?
I expect some of the screws should not be removed.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
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> rear, behind all of the cards. I have a bunch of photos of the inside of my flyaway from several ago when I worked on
> it but they are posted to the 40M USB group. I am too tired tonight to download them and post here. If you still
> need them tomorrow let me know.
>
> Alex
> K2AJR
> k2ajr@... <mailto:k2ajr@...>
> ---

> *From:* "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Thursday, January 8, 2015 10:06 PM
> *Subject:* [transworld_radio] TW7000F PS Location?
>
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1185. Re: [transworld_radio] TW7000F PS Location?

Yahoo group: transworld_radio
Date: 2015-01-10 01:58:41 UTC
From: Alex J Rokowetz
Topic: 1182 Message: 1185
Attachments: 1 described; binary payloads are missing from this source WARC

Hi Brooke,
That green PCB should be installed into the suitcase face down. To access the cards you need to go in from the opposite side. Remove the entire unit from the suitcase. Then unscrew the I/O panel from underneath the angle brackets on the each side of the chassis. Then pop off the I/O panel. Then, you can remove the cover and get into the chassis.

See attached photo.
AlexK2AJR

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, January 9, 2015 8:33 PM
Subject: Re: [transworld_radio] TW7000F PS Location?

  Hi Alex:

The large PCB shown in Fig 8 seems to be a motherboard with a lot of sockets on it, so removing all those screws does not seem to be a good idea.
Maybe the Flyaway radio is upside down compared to a desk top radio?
http://www.prc68.com/I/TW7000F.html#Photos

In Fig 7 there seems to be a box sitting on the radio with all the I/O, I assume that's the "I/O Module". But how to get it off the radio?
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Brooke Clarke
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amplifier.

Where are they?

See photos at:
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1186. Fw: [transworld_radio] TW7000F PS Location?

Yahoo group: transworld_radio
Date: 2015-01-10 02:16:06 UTC
From: Alex J Rokowetz
Topic: 1182 Message: 1186
Attachments: 1 described; binary payloads are missing from this source WARC

Brooke,
I can't remember... you might have to remove the angle brackets. You'll figure that out after you get the unit out of the suitcase and look underneath them.
AlexK2AJR
----- Forwarded Message -----
From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>; "brooke@..." <brooke@...>
Sent: Friday, January 9, 2015 8:58 PM
Subject: Re: [transworld_radio] TW7000F PS Location?

  Hi Brooke,
That green PCB should be installed into the suitcase face down. To access the cards you need to go in from the opposite side. Remove the entire unit from the suitcase. Then unscrew the I/O panel from underneath the angle brackets on the each side of the chassis. Then pop off the I/O panel. Then, you can remove the cover and get into the chassis.

See attached photo.
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http://www.prc68.com/I/DietNutrition.html

1187. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-10 16:31:01 UTC
From: Mike Feher
Topic: 1177 Message: 1187

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke's 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

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89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

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Let us know how you make out.

Alex

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Let us know what you find.

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1188. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-10 22:03:13 UTC
From: Brooke Clarke
Topic: 1177 Message: 1188

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping
cards may be fruitful.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'Mike Feher' n4fs@... [transworld_radio] wrote:
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> Howell, NJ, 07731
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> Let us know how you make out.
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> Alex
>
> K2AJR
>
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> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]" <transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 3:12 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
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> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
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1189. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-11 00:04:33 UTC
From: Mike Feher
Topic: 1177 Message: 1189

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

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>> Alex
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>> Sent: Saturday, January 03, 2015 3:04 PM
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1190. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-11 00:34:06 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1190

Unfortunately, my job is not allowing much time to think about radios these days. I can say that I also use the rods as extractor tools. It seemed natural to do so. Also, Datron technicians have assured me that one can swap cards between the TW7000, TW7000F and RT7000 radios without problem. Feel free to do so. I have isolated problems in the past by swapping out cards between radios.
AlexK2AJR

From: "Mike Feher n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Saturday, January 10, 2015 7:04 PM
Subject: Re: [transworld_radio] TW7000 problems?

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Sent from my iPad
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Sent: Saturday, January 03, 2015 6:22 PM
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am I doing wrong? Thanks & 73 – Mike Mike B. Feher, N4FS 89 Arnold Blvd. Howell, NJ, 07731 732-886-5960

1191. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-11 22:19:24 UTC
From: Brooke Clarke
Topic: 1177 Message: 1191

Hi Alex:

How to get the metal box containing the RF amp out of the chassis?

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
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1192. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-11 22:35:24 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1192

Brooke,
The six screws on top of the box are misleading. Those are not what you need to unscrew to get the box out. You need to unscrew only one screw which is located at the very bottom of the box on a small flange. Undo that screw and it will slide right out.
You'll need to remove the rf cables, some power leads and a ribbon cable to get it fully out.
AlexK2AKR

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, January 11, 2015 5:19 PM
Subject: Re: [transworld_radio] TW7000 problems?

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From: "Mike Feher n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Saturday, January 10, 2015 7:04 PM
Subject: Re: [transworld_radio] TW7000 problems?

  Brooke -
The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad
On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

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Mail_Attachment --
Have Fun,

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To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems. With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors. Let us know how you make out. Alex K2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
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let you and the group know how I make out. 73 – Mike Mike B. Feher, N4FS 89 Arnold Blvd. Howell, NJ, 07731 732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
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1193. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-12 04:29:42 UTC
From: Brooke Clarke
Topic: 1177 Message: 1193

Hi Alex:

I've been comparing my hardware with:
/TW7000F HF Tranceiver Technical Manual/, m/n: TW7000F-MS, Pub: 991515, Dec 1994, Rev: B

and there are differences. see:
http://www.prc68.com/I/TW7000F.html#Modules

Can you explain what's going on?

Mail_Attachment --
Have Fun,

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> Brooke,
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> The six screws on top of the box are misleading. Those are not what you need to unscrew to get the box out. You need
> to unscrew only one screw which is located at the very bottom of the box on a small flange. Undo that screw and it
> will slide right out.
>
> You'll need to remove the rf cables, some power leads and a ribbon cable to get it fully out.
>
> Alex
> K2AKR
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1194. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 13:48:03 UTC
From: Mike Feher
Topic: 1177 Message: 1194
Attachments: 1 described; binary payloads are missing from this source WARC

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@...m
Subject: Re: [transworld_radio] TW7000 problems?

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Let us know how you make out.

Alex

K2AJR

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To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
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1195. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 14:16:43 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1195

Brooke,
I see what you're getting at. Unfortunately, I don't have the privilege of owning a TW7000F. That is one of the few manuals that I have been searching for so that I can scan it and share with the group. I even toyed with the idea of bidding on the flyaway you bought just to get the manual. Besides, everyone needs an extra flyaway don't they?
When I look at discrepancies you posted to your site, some of them are easily explained.
For example:

J9 & J10 should both lead to option slots. All sorts of option cards can be installed into these slots like the Voice Encryption Module (VEM) which I believe you have installed in your radio (lucky you!). I believe this is a match

J11 and J12 - RCU/ECU stands for extended control unit and remote control. Various protocols are used based on the distance between the transceiver and the controller. Those protocols include ISDN, xDSL, and FSK. I believe this to also be a match.

For the remaining discrepancies (J1 and J3) I might be able to to find some time this weekend to break open my radio and see what I find. I can also verify J6.
I have one question, where is your High Stability card (again lucky you!) installed? Can you take a photo of it?
AlexK2AJR

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I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html 'Mike Feher' n4fs@... [transworld_radio] wrote:

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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems. With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors. Let us know how you make out. Alex K2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
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1196. Re: [transworld_radio] TW7000 problems? [1 Attachment]

Yahoo group: transworld_radio
Date: 2015-01-13 14:36:47 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1196

Mike,
Pinout for the Hirose connector is:
1 - Ground2 - RX Audio3 - PTT
4 - TX Audio
5 - CW Key
6 - +12 VDC
I have the Hirose spec sheet posted online:
Hirose.pdf - File Shared from Box

| |
| | | | | | | |
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| |
| |

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

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1197. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 14:49:16 UTC
From: Mike Feher
Topic: 1177 Message: 1197

Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
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I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

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Preview by Yahoo

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[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

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Alex

K2AJR

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89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1198. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 15:01:43 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1198

Hi Mike.
The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
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| Hirose.pdf - File Shared from BoxPrint Download (925.1KB) Sign up | Log in Hirose.pdf |
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Subject: RE: [transworld_radio] TW7000 problems? Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
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1199. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 15:08:28 UTC
From: Mike Feher
Topic: 1177 Message: 1199

The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

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The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
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1 - Ground

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Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

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<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

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To: transworld_radio@yahoogroups.com
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Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

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Let us know how you make out.

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89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1200. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 16:12:50 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1200
Attachments: 1 described; binary payloads are missing from this source WARC

Mike,
The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

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1201. RE: [transworld_radio] TW7000 problems? [1 Attachment]

Yahoo group: transworld_radio
Date: 2015-01-13 16:23:24 UTC
From: Mike Feher
Topic: 1177 Message: 1201

Alex –

That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is also very generous of you to so readily share. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

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Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
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'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.

With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

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Sent: Saturday, January 03, 2015 3:04 PM
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Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE...

usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

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To: transworld_radio@yahoogroups.com
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732-886-5960

1202. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 17:14:24 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1202

Mike,
What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out.
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From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 11:23 AM
Subject: RE: [transworld_radio] TW7000 problems?

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Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, Pinout for the Hirose connector

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| Hirose.pdf - File Shared from BoxPrint Download (925.1KB) Sign up | Log in Hirose.pdf |
| |
| View on app.box.com | Preview by Yahoo |
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1203. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 17:45:45 UTC
From: Mike Feher
Topic: 1177 Message: 1203

Alex –

I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

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Mike,

The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

Alex

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Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike.

The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

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Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

Alex

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To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

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1204. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 18:29:47 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1204

Mike,
The TW7000F is such a fine radio it is well worth the effort in getting it up and running. I may even have a spare case around here if you do get it working. All you would need are the mounting clips which can easily be ordered online. No need to worry about CW showing up in the display, you can still connect a key and operate CW but without the filter.
Do you have the control head for the flyaway?
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 12:45 PM
Subject: RE: [transworld_radio] TW7000 problems?

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To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
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Subject: Re: [transworld_radio] TW7000 problems? Mike, Pinout for the Hirose connector is: 1 - Ground2 - RX Audio3 - PTT4 - TX Audio5 - CW Key6 - +12 VDC I have the Hirose spec sheet posted online: Hirose.pdf - File Shared from Box
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| Hirose.pdf - File Shared from BoxPrint Download (925.1KB) Sign up | Log in Hirose.pdf |
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| View on app.box.com | Preview by Yahoo |
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 The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
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To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Brooke - The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad
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1205. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 19:01:30 UTC
From: Mike Feher
Topic: 1177 Message: 1205

Alex –

Yes, I do have the control head for it. It was an ebay purchase for about $500 or so. I did not realize what it was till I saw the pictures of Brooke's. It even has the shock mounts, one of them is missing the rubber. The control clips on to the main chassis OK. Seems like a lot better deal than the $850 that I paid from Eduardo. Which was supposed to be for a working radio.

While I will check later, did I assume correctly that the PTT button grounds the PTT line? It seems that the radio behaves differently when I use the microphone vice when I short it out manually. Being a ham over 50 years I have worked on a lot of radios, but, now getting close to 70, I have hundreds of radios, and I do not need projects, HI. I also have numerous Kachinas. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 1:30 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

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Do you have the control head for the flyaway?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 12:45 PM
Subject: RE: [transworld_radio] TW7000 problems?

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Alex

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[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> Attachment(s) from Alex J Rokowetz included below]

Mike,

The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

Alex

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Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com

Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1206. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 19:55:37 UTC
From: Brooke Clarke
Topic: 1177 Message: 1206

Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80
microphone?
These are very common military audio accessories.
http://www.prc68.com/I/U229PO.shtml
http://www.prc68.com/I/Images/TW7000F10b.jpg

It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the
LCD goes blank.
I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not
draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2
wires). So there's something else in the PTT circuitry that's causing the problem.
Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many
more screws/bolts from angle brackets.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'Mike Feher' n4fs@... [transworld_radio] wrote:
>
>
> Alex –
>
> I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to
> ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on the
> other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and
> when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I
> ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to
> peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike
>

> Mike B. Feher, N4FS
>
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>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 12:14 PM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to
> share that info. Please let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]" <transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 11:23 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Alex –
>
> That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is also
> very generous of you to so readily share. Thanks – Mike
>
> Mike B. Feher, N4FS
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> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 11:13 AM

> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems? [1 Attachment]
>
> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> from Alex J Rokowetz included
> below]*
>
> Mike,
>
> The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.
>
> Alex
>
> K2AJR
>
> ----------
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]" <transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 10:08 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still
> not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on the connector, yet
> the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown.
> Thanks – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 10:02 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike.
>

> The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]" <transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 9:49 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the
> connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike
>
> Mike B. Feher, N4FS
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> 732-886-5960
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> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 9:37 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> Pinout for the Hirose connector is:
>
> 1 - Ground
>
> 2 - RX Audio
>
> 3 - PTT
>
> 4 - TX Audio
>
> 5 - CW Key
>

> 6 - +12 VDC
>
> I have the Hirose spec sheet posted online:
>
> Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
>
>
>
> image <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
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> Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
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> View on *app.box.com* <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
>
>
>
> Preview by Yahoo
>
>
>
>
>
>
>
>
>
>
>
> The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
<transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 8:48 AM
> *Subject:* RE: [transworld_radio] TW7000 problems? [1 Attachment]
>
> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText>
from Mike Feher included below]*
>
> Well, last night I got to play with my 7000s again. Prior to switching out cards, I
decided to try the TW7000F and see
> what it does. It works fine on receive. However, it does not seem to transmit. It does
draw more current when I
> depress the mike button, but, there is no power out, even when I whistle in the mike. I
did check the Alpha 18 and it
> is in the RX/TX mode, so that is not it. The self-test on power up works and the manual
BITE when initiated with the
> Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from
Eduardo. More tests are
> required. Does anyone know the mike connector numbering? I do not see a photo of it with
the numbers in either the ops
> or the service manual. I am attaching a photo of the connector on the radio. Maybe
someone can mark it up to save me a
> little time. I want to try it in CW mode. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 10, 2015 7:05 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Brooke -
>
> The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe
I"ll have chance to play with
> it some more tomorrow. 73 - Mike
>
> Sent from my iPad
>
>

> On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... <mailto:brooke@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>> wrote:
>
> Hi Mike:
>
> I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so
> swapping cards may be fruitful.
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex and group –
>
> Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did
> come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor
> tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no
> blinking light on the processor board. I removed the processor board again, checked the battery, and it was
> 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across
> the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED
> on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I
> have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look
> at the manual and see where I can easily access test points to measure the voltages from the PS.
>
> After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have
> never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the
> problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any
> other ideas are welcome. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS

>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 6:22 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall
> correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose
> and the radio had problems booting. After ensuring that all were seated properly, I had no problems.
>
> With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham
> friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and
> installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229
> connector. I can also use the same interface that I built for my SignaLink to mate with my other military
> radios that have U-183/U connectors.
>
> Let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 3:12 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a
> different flavor 7000 previously, and, that came with all the cables. I have not played

with that unit yet. I
> was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is
> what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from
> eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose.
> Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I
> will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let
> you and the group know how I make out. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 3:04 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up
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> card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be
> really sure every card is properly seated. I have found that although it may look properly a card may not
> be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that
> shows which slot is for each card. It's also printd on the backplane/motherboard.
>
> BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through
> holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not
> sure if your radio showed up with those.
>
> Let us know what you find.
>

> Alex
>
> K2AJR
>
> ----------
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 2:23 PM
> *Subject:* [transworld_radio] TW7000 problems?
>
> I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that
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> am I doing wrong? Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
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>
>
>
>

1207. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 20:06:15 UTC
From: Mike Feher
Topic: 1177 Message: 1207

Brooke –

Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use it on AC or with an external DC supply. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 2:56 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.
http://www.prc68.com/I/U229PO.shtml
http://www.prc68.com/I/Images/TW7000F10b.jpg

It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the LCD goes blank.
I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many more screws/bolts from angle brackets.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

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732-886-5960

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Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 11:23 AM
Subject: RE: [transworld_radio] TW7000 problems?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 11:13 AM
To: transworld_radio@yahoogroups.com

Subject: Re: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> Attachment(s) from Alex J Rokowetz included below]

Mike,

The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

Alex

K2AJR

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To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

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Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@eozinc.com [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke's 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

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Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.

With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1208. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 20:20:23 UTC
From: Alex J Rokowetz
Topic: 1177 Message: 1208

Mike,
There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the display change from RX to TX?

AlexK2AJR
From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 3:06 PM
Subject: RE: [transworld_radio] TW7000 problems?

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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 2:56 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.
http://www.prc68.com/I/U229PO.shtml
http://www.prc68.com/I/Images/TW7000F10b.jpg

It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the LCD goes blank.
I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many more screws/bolts from angle brackets.--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
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Alex – I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to ground and got a loud tone, just like on my regular 7000.

However, on this unit II still had the display, which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike
Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 11:23 AM
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Subject: Re: [transworld_radio] TW7000 problems? [1 Attachment] [Attachment(s) from Alex J Rokowetz included below] Mike, The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems? The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown. Thanks – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Hi Mike. The link should provide you with the spec sheet that provides the information you asked for. Does the link not work? AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems? Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike
Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com

Subject: Re: [transworld_radio] TW7000 problems? Mike, Pinout for the Hirose connector is: 1 - Ground2 - RX Audio3 - PTT4 - TX Audio5 - CW Key6 - +12 VDC I have the Hirose spec sheet posted online: Hirose.pdf - File Shared from Box
| |
| | | | | | | |
| Hirose.pdf - File Shared from BoxPrint Download (925.1KB) Sign up | Log in Hirose.pdf |
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| View on app.box.com | Preview by Yahoo |
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| |
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The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
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1209. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 20:27:05 UTC
From: Mike Feher
Topic: 1177 Message: 1209

Alex –

I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the power. Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The dummy load, a good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in the connector. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 3:20 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the display change from RX to TX?

Alex

K2AJR

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Subject: RE: [transworld_radio] TW7000 problems?

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To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.
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Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many more screws/bolts from angle brackets.

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Have Fun,

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out.

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[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> Attachment(s) from Alex J Rokowetz included below]

Mike,

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732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike.

The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com

Subject: Re: [transworld_radio] TW7000 problems?

Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the

mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@...m]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@pacific.net [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual

and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.

With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be

home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1210. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-13 23:39:18 UTC
From: Brooke Clarke
Topic: 1177 Message: 1210

Hi Alex:

I've updated my web page and now better understand what modules are where.
After reinstalling the RF Filter/Amp the same problem as before happens, pressing PTT turns off the LCD.

Next opened up the card cage and pulled the main CPU board to better understand what options I have.
http://www.prc68.com/I/TW7000F.html#Main_CPU_Board

There are a couple of ways to get a high stability option.
One has to do with replacing the unit oscillator on the main CPU board (JU1=BC) or installing a high stability clock on
the J3 Reference/Control board (JU1=AB).
This is what my radio has. It is in the upper right half width slot in Fig 9.
The other half slot is the empty NB/FM slot.
http://www.prc68.com/I/Images/TW7000F09b.jpg

When I press <Alpha> 27 <E> "Option Not Installed" appears.
After studying the main CPU board I found JUA and JUB were empty and put a couple of jumpers on each but still get
"Option Not Installed".
How can I get a manual for the VEM or learn how to enable/use it?

Also can you remind me how to use the Option & Status buttons, maybe I have the VEM off?

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
Alex J Rokowetz belarok@... [transworld_radio] wrote:
>
>
> Brooke,
>
> I see what you're getting at. Unfortunately, I don't have the privilege of owning a TW7000F. That is one of the few
> manuals that I have been searching for so that I can scan it and share with the group. I even toyed with the idea of
> bidding on the flyaway you bought just to get the manual. Besides, everyone needs an extra flyaway don't they?
>
> When I look at discrepancies you posted to your site, some of them are easily explained. For example:

>
> J9 & J10 should both lead to option slots. All sorts of option cards can be installed into these slots like the Voice
> Encryption Module (VEM) which I believe you have installed in your radio (lucky you!). I believe this is a match
>
> J11 and J12 - RCU/ECU stands for extended control unit and remote control. Various protocols are used based on the
> distance between the transceiver and the controller. Those protocols include ISDN, xDSL, and FSK. I believe this to
> also be a match.
>
> For the remaining discrepancies (J1 and J3) I might be able to to find some time this weekend to break open my radio
> and see what I find. I can also verify J6.
>
> I have one question, where is your High Stability card (again lucky you!) installed? Can you take a photo of it?
>
> Alex
> K2AJR
>
>
>
>
>
> ----------
> *From:* "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Sunday, January 11, 2015 11:29 PM
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Alex:
>
> I've been comparing my hardware with:
> */TW7000F HF Tranceiver Technical Manual/*, m/n: TW7000F-MS, Pub: 991515, Dec 1994, Rev: B
>
> and there are differences. see:
> http://www.prc68.com/I/TW7000F.html#Modules
>
> Can you explain what's going on?
>
> Mail_Attachment
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>

> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html Alex J Rokowetz belarok@...
<mailto:belarok@...>
> [transworld_radio] wrote:
>> Brooke,
>>
>> The six screws on top of the box are misleading. Those are not what you need to unscrew
to get the box out. You need
>> to unscrew only one screw which is located at the very bottom of the box on a small
flange. Undo that screw and it
>> will slide right out.
>>
>> You'll need to remove the rf cables, some power leads and a ribbon cable to get it fully
out.
>>
>> Alex
>> K2AKR
>>
>> ----------

>> *From:* "Brooke Clarke brooke@... <mailto:brooke@...> [transworld_radio]"
>> <transworld_radio@yahoogroups.com> <mailto:transworld_radio@yahoogroups.com>
>> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
>> *Sent:* Sunday, January 11, 2015 5:19 PM
>> *Subject:* Re: [transworld_radio] TW7000 problems?
>>
>> Hi Alex:
>>
>> How to get the metal box containing the RF amp out of the chassis?
>>
> Mail_Attachment
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html Alex J Rokowetz belarok@...
<mailto:belarok@...>
> [transworld_radio] wrote:
>> Unfortunately, my job is not allowing much time to think about radios these days. I can
say that I also use the rods
>> as extractor tools. It seemed natural to do so. Also, Datron technicians have assured me
that one can swap cards
>> between the TW7000, TW7000F and RT7000 radios without problem. Feel free to do so. I
have isolated problems in the
>> past by swapping out cards between radios.
>>
>> Alex
>> K2AJR

>>
>> ----------
>> *From:* "Mike Feher n4fs@... <mailto:n4fs@...> [transworld_radio]"
<transworld_radio@yahoogroups.com>
>> <mailto:transworld_radio@yahoogroups.com>
>> *To:* "transworld_radio@yahoogroups.com" <mailto:transworld_radio@yahoogroups.com>
<transworld_radio@yahoogroups.com>
>> <mailto:transworld_radio@yahoogroups.com>
>> *Sent:* Saturday, January 10, 2015 7:04 PM
>> *Subject:* Re: [transworld_radio] TW7000 problems?
>>
>> Brooke -
>>
>> The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe
I"ll have chance to play with
>> it some more tomorrow. 73 - Mike
>>
>> Sent from my iPad
>>
>> On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... <mailto:brooke@...>
[transworld_radio]"
>> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>> wrote:
>>
>>> Hi Mike:
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>>> I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards
should be the same so
>>> swapping cards may be fruitful.
>>>
> Mail_Attachment
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html 'Mike Feher' n4fs@... <mailto:n4fs@...>
[transworld_radio] wrote:
>> Alex and group –
>> Well, I finally got around to doing some preliminary testing this AM. So far not too
encouraging. This set did come
>> with the long metal rods, and, they did go through all the cards. Regardless, using the
rods as extractor tools,
>> which is what I assume they are also for, I did remove and re-seat all the cards. No
difference. And no blinking
>> light on the processor board. I removed the processor board again, checked the battery,
and it was 2.93 volts, so I
>> figure that is good enough for now. I also removed the jumper on JU10 and placed it
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>> mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is
>> blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well.
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>> tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS
>> is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome.
>> Thanks & 73 – Mike
>> Mike B. Feher, N4FS
>> 89 Arnold Blvd.
>> Howell, NJ, 07731
>> 732-886-5960
>> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
>> [mailto:transworld_radio@yahoogroups.com]
>> *Sent:* Saturday, January 03, 2015 6:22 PM
>> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
>> *Subject:* Re: [transworld_radio] TW7000 problems?
>> Mike,
>> I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is
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>> connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the
>> same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.
>> Let us know how you make out.
>> Alex
>> K2AJR
>> ----------
>> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]" <transworld_radio@yahoogroups.com
>> <mailto:transworld_radio@yahoogroups.com>>
>> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
>> *Sent:* Saturday, January 3, 2015 3:12 PM
>> *Subject:* RE: [transworld_radio] TW7000 problems?
>> Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a

>> different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was
>> just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was
>> going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all
>> the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in
>> a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play
>> with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike
>> Mike B. Feher, N4FS
>> 89 Arnold Blvd.
>> Howell, NJ, 07731
>> 732-886-5960
>> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
>> [mailto:transworld_radio@yahoogroups.com]
>> *Sent:* Saturday, January 03, 2015 3:04 PM
>> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
>> *Subject:* Re: [transworld_radio] TW7000 problems?
>> Mike,
>> I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with
>> problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case,
>> I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the
>> processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly
>> seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right
>> slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd
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>> BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in
>> the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your
>> radio showed up with those.
>> Let us know what you find.
>> Alex
>> K2AJR
>> ----------
>> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]" <transworld_radio@yahoogroups.com
>> <mailto:transworld_radio@yahoogroups.com>>
>> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
>> *Sent:* Saturday, January 3, 2015 2:23 PM

>> *Subject:* [transworld_radio] TW7000 problems?
>> I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does
>> change volume with the volume control. None of the operations manual items show up on the display. What am I doing
>> wrong? Thanks & 73 – Mike
>> Mike B. Feher, N4FS
>> 89 Arnold Blvd.
>> Howell, NJ, 07731
>> 732-886-5960
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>

1211. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-14 00:13:46 UTC
From: Brooke Clarke
Topic: 1177 Message: 1211

Hi Mike:

In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
There's a little in one of the AME modes (USB AME or LSB AME).

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'Mike Feher' n4fs@... [transworld_radio] wrote:
>
>
> Alex –
>
> I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the power.
> Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt slug, even
> though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The dummy load, a
> good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and see what happens
> then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in the connector. Thanks
> & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 3:20 PM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
>

>
> There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just a
> few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the display
> change from RX to TX?
>
>
>
> Alex
>
> K2AJR
>
> ----------
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]" <transworld_radio@yahoogroups.com
> <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 3:06 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Brooke –
>
> Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and see
> what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even came on,
> but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use it on AC or
> with an external DC supply. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 2:56 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike:
>
> On the left side of the control head for your flyaway radio is there a U-229 connector

for an H-250 handset or M-80
> microphone?
> These are very common military audio accessories.
> http://www.prc68.com/I/U229PO.shtml
> http://www.prc68.com/I/Images/TW7000F10b.jpg
>
> It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the
> LCD goes blank.
> I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not
> draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2
> wires). So there's something else in the PTT circuitry that's causing the problem.
> Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing
> many more screws/bolts from angle brackets.
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex –
>
> I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to
> ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on
> the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the
> menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over
> to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance,
> I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of
> them, HI. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960

>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 12:14 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to
> share that info. Please let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 11:23 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
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>
> That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is also
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>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 11:13 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems? [1 Attachment]
>
> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> from Alex J Rokowetz
> included below]*
>

> Mike,
>
> The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope
> this helps.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 10:08 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is
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> connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs
> are not shown. Thanks – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 10:02 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike.
>
> The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?
>
> Alex
>
> K2AJR
>

> ----------

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 9:49 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the
> connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike
>
> Mike B. Feher, N4FS
>
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> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 9:37 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> Pinout for the Hirose connector is:
>
> 1 - Ground
>
> 2 - RX Audio
>
> 3 - PTT
>
> 4 - TX Audio
>
> 5 - CW Key
>
> 6 - +12 VDC
>
> I have the Hirose spec sheet posted online:
>
> Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
>
>
>

> image <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
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>
> Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
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> Print Download (925.1KB) Sign up | Log in Hirose.pdf
>
>
> View on *app.box.com* <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
>
>
>
> Preview by Yahoo
>
>
>
>
>
>
>
>
>
>
>
> The flyaway control head should have a U183/U connector on the side. Feel free to test
with a M80 mic or H250
> handset.
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 8:48 AM
> *Subject:* RE: [transworld_radio] TW7000 problems? [1 Attachment]
>

> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> from Mike Feher included
> below]*
>
> Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and
> see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when
> I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18
> and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated
> with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More
> tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in
> either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark
> it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 10, 2015 7:05 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Brooke -
>
> The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play
> with it some more tomorrow. 73 - Mike
>
> Sent from my iPad
>
>
> On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... <mailto:brooke@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>> wrote:
>
> Hi Mike:
>
> I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards

should be the same so
> swapping cards may be fruitful.
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex and group –
>
> Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set
> did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as
> extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No
> difference. And no blinking light on the processor board. I removed the processor board again, checked the
> battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on
> JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone
> remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am
> getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power
> supply, but, first I will have to look at the manual and see where I can easily access test points to
> measure the voltages from the PS.
>
> After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I
> have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate
> the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then.
> Any other ideas are welcome. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>

> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 6:22 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall
> correctly, he is a member of this group. When my radio arrived some of the cards had worked their way
> loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.
>
> With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham
> friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and
> installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229
> connector. I can also use the same interface that I built for my SignaLink to mate with my other military
> radios that have U-183/U connectors.
>
> Let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 3:12 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had
> purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with
> that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as
> you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as
> well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some

> things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not
> be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your
> willingness to help out. Will let you and the group know how I make out. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 3:04 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up
> with problems usually report some sort of error during the BITE... usually related to a bad card or
> module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and
> reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker
> slot is. Be really sure every card is properly seated. I have found that although it may look properly a
> card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there
> is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.
>
> BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide
> through holes in the hold down bar. If the rods slide all the way through , then each card is properly
> seated. Not sure if your radio showed up with those.
>
> Let us know what you find.
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 2:23 PM
> *Subject:* [transworld_radio] TW7000 problems?
>
> I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker
> that does change volume with the volume control. None of the operations manual items show up on the
> display. What am I doing wrong? Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
>

1212. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-14 01:08:47 UTC
From: Mike Feher
Topic: 1177 Message: 1212

Brooke –

I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in the wrong range. I'll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not check the integrity of the filter relays. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 7:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
There's a little in one of the AME modes (USB AME or LSB AME).

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the power. Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The dummy load, a good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or,

has broken wires in the connector. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 3:20 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the display change from RX to TX?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 3:06 PM
Subject: RE: [transworld_radio] TW7000 problems?

Brooke –

Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use it on AC or with an external DC supply. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 2:56 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.
http://www.prc68.com/I/U229PO.shtml
http://www.prc68.com/I/Images/TW7000F10b.jpg

It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the LCD goes blank.
I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many more screws/bolts from angle brackets.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@...m
Sent: Tuesday, January 13, 2015 11:23 AM
Subject: RE: [transworld_radio] TW7000 problems?

Alex –

That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is also very generous of you to so readily share. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 11:13 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> Attachment(s) from Alex J Rokowetz included below]

Mike,

The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike.

The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@pacific.net [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM

To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.

With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1213. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-14 02:18:15 UTC
From: Brooke Clarke
Topic: 1177 Message: 1213

Hi Mike:

An easy way to test for that would be to just bypass the output filter, not problem if you're driving a dummy load.
Reinstalling the metal box that has the RF filter-Amplifier boards is tricky. I think you can do this test without
removing the box.

The Tx signal path is from the exciter to RF Amp J10 and out of the amp at J12 (near the large binocular core) there's a
short jumper coax to the RF filter input (J51) in the same box.

The Tx output of the filter is at J50 which has a cable to the VSWR box which feeds the antenna.
When in Rx mode the signal comes in J50 goes through the filter and goes out J52 to the 75 MHz IF.

Photo showing J12 on RF Amp
http://www.prc68.com/I/Images/TW7000F11b.jpg
Mail_Attachment
If they will reach you might be able to unplug the cable from J12.
Unplug the cable from J50 and plug it into J12 on the RF Amp.
That would bypass all the RF filters on transmit and receive.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'Mike Feher' n4fs@... [transworld_radio] wrote:
> Mail_Attachment
>
> Brooke –
>
> I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to
> a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will
> probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that
> since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in
> the wrong range. I'll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not

> check the integrity of the filter relays. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 7:14 PM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike:
>
> In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
> There's a little in one of the AME modes (USB AME or LSB AME).
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex –
>
> I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the
> power. Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt
> slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The
> dummy load, a good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and
> see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in
> the connector. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731

>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 3:20 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
>
>
>
> There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just
> a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the
> display change from RX to TX?
>
>
>
>
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 3:06 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Brooke –
>
> Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and
> see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even
> came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use
> it on AC or with an external DC supply. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.

>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 2:56 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike:
>
> On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or
> M-80 microphone?
> These are very common military audio accessories.
> http://www.prc68.com/I/U229PO.shtml
> http://www.prc68.com/I/Images/TW7000F10b.jpg
>
> It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT
> the LCD goes blank.
> I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did
> not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are
> those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
> Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires
> removing many more screws/bolts from angle brackets.
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex –
>
> I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT
> to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display,
> which on the other I never do. The radio did draw about 10 amps, but only put out a few

watts. CW is not
> available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but
> does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess
> now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more
> life times to complete half of them, HI. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 12:14 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy
> to share that info. Please let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 11:23 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Alex –
>
> That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is
> also very generous of you to so readily share. Thanks – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.

>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 11:13 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems? [1 Attachment]
>
> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText>
from Alex J Rokowetz
> included below]*
>
> Mike,
>
> The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000
with a DMM. I hope
> this helps.
>
> Alex
>
> K2AJR
>
> ----------

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 10:08 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> The link to the Hirose document does work. That is where I said the last page may be of
help. Regardless, it
> is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot
of indexing tabs on
> the connector, yet the Hirose diagram only shows one arrow at the top. Where is that
supposed to be? The
> indexing tabs are not shown. Thanks – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>

> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 10:02 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike.
>
> The link should provide you with the spec sheet that provides the information you asked for. Does the link
> not work?
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 9:49 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the
> connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 9:37 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> Pinout for the Hirose connector is:
>
> 1 - Ground
>

> 2 - RX Audio
>
> 3 - PTT
>
> 4 - TX Audio
>
> 5 - CW Key
>
> 6 - +12 VDC
>
> I have the Hirose spec sheet posted online:
>
> Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
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> image <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
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> Preview by Yahoo
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>
>
>
>
>
>
>
>
> The flyaway control head should have a U183/U connector on the side. Feel free to test

with a M80 mic or H250
> handset.
>
> Alex
>
> K2AJR
>
> ----------

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 8:48 AM
> *Subject:* RE: [transworld_radio] TW7000 problems? [1 Attachment]
>
> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText>
from Mike Feher
> included below]*
>
> Well, last night I got to play with my 7000s again. Prior to switching out cards, I
decided to try the TW7000F
> and see what it does. It works fine on receive. However, it does not seem to transmit. It
does draw more
> current when I depress the mike button, but, there is no power out, even when I whistle
in the mike. I did
> check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power
up works and the
> manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also
suspicious of the mike
> that I got from Eduardo. More tests are required. Does anyone know the mike connector
numbering? I do not see
> a photo of it with the numbers in either the ops or the service manual. I am attaching a
photo of the
> connector on the radio. Maybe someone can mark it up to save me a little time. I want to
try it in CW mode.
> Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 10, 2015 7:05 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?

>
> Brooke -
>
> The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to
> play with it some more tomorrow. 73 - Mike
>
> Sent from my iPad
>
>
> On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... <mailto:brooke@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>> wrote:
>
> Hi Mike:
>
> I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same
> so swapping cards may be fruitful.
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex and group –
>
> Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This
> set did come with the long metal rods, and, they did go through all the cards. Regardless, using the
> rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the
> cards. No difference. And no blinking light on the processor board. I removed the processor board
> again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also
> removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no
> display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I
> have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the
> next step is to check the power supply, but, first I will have to look at the manual and see where I

> can easily access test points to measure the voltages from the PS.
>
> After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case.
> I have never tried to fire that up. I may try that also and see what it does. Also, it may help me
> isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I
> get then. Any other ideas are welcome. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 6:22 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall
> correctly, he is a member of this group. When my radio arrived some of the cards had worked their way
> loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.
>
> With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a
> ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more
> and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a
> U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my
> other military radios that have U-183/U connectors.
>
> Let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 3:12 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had
> purchased a different flavor 7000 previously, and, that came with all the cables. I have not played
> with that unit yet. I was just looking at the service manual and printed out the relevant pages. I
> will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear
> you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good
> likelihood that some things may have come loose. Like cards. I am going out in a little while with my
> lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it
> then. I again appreciate your willingness to help out. Will let you and the group know how I make out.
> 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 3:04 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that
> show up with problems usually report some sort of error during the BITE... usually related to a bad
> card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid,
> remove and reseat EVERY card, starting with the processor board and work your way down to end where
> the Noise Blanker slot is. Be really sure every card is properly seated. I have found

that although
> it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of
> the operator manual there is a diagram that shows which slot is for each card. It's also printd on
> the backplane/motherboard.
>
> BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide
> through holes in the hold down bar. If the rods slide all the way through , then each card is
> properly seated. Not sure if your radio showed up with those.
>
> Let us know what you find.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 2:23 PM
> *Subject:* [transworld_radio] TW7000 problems?
>
> I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the
> speaker that does change volume with the volume control. None of the operations manual items show up
> on the display. What am I doing wrong? Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
>

1214. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-14 13:49:42 UTC
From: Mike Feher
Topic: 1177 Message: 1214

Well, last night I played with the 7000F again for a short while. Following my logic that I had a bad mike and a stuck filter were my starting points. Well, I got a full 70 watts out on the highest frequency filter. That really does not make sense, since looking at the schematic all of the filters are low pass, and if it was stuck in the highest frequency output one, I should have had power on any frequency, but no harmonic rejection. This may imply that it is not stuck in the highest frequency filter, but, that all of the lower frequency ones may have defective relays, or, the control logic for them is not working properly.

With an M-80 microphone connected, I am able to whistle up to a full 70 watts of output. So, the microphone from Peru is definitely defective, and, as I thought previously, more than likely has open wiring in the connector. So far I have not taken any screws out of the 7000F. Obviously, at this point, I will now have to get to the real culprit. At least, in my mind, I have the problem somewhat isolated. I do not mind working on the 7000F as I really did buy that unit as is. However, the plain 7000, I purchased, from Peru, as working and it does not. That upsets me. I am thinking it is stuck in the CW transmit mode, and, that is why I hear the approximately 1KHz tone when turned on. Also, being in the CW mode, at turn on, it may not allow the BITE to execute, and that may be why the display never comes on. Something simple to try out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 8:09 PM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

Brooke –

I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in the wrong range. I'll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not check the integrity of the filter relays. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 7:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
There's a little in one of the AME modes (USB AME or LSB AME).

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the power. Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The dummy load, a good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in the connector. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 3:20 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the display change from RX to TX?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 3:06 PM
Subject: RE: [transworld_radio] TW7000 problems?

Brooke –

Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use it on AC or with an external DC supply. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 2:56 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.
http://www.prc68.com/I/U229PO.shtml
http://www.prc68.com/I/Images/TW7000F10b.jpg

It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the LCD goes blank.
I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many more screws/bolts from angle brackets.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@...m
Sent: Tuesday, January 13, 2015 11:23 AM
Subject: RE: [transworld_radio] TW7000 problems?

Alex –

That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is also very generous of you to so readily share. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 11:13 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> Attachment(s) from Alex J Rokowetz included below]

Mike,

The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems?

The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike.

The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com

Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@pacific.net [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html

http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

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Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1215. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-14 16:00:28 UTC
From: Mike Feher
Topic: 1177 Message: 1215

The continuing saga, HI. Anyway, after re-seating all of the boards again, after I did the processor, the 7000 is now working fine. It pegs the needle on the Bird with a 100 watt element on CW. The microphone, other than for the PTT part, does not work and has no audio output. I sent Ed in Peru and email to that effect and I hope he has another mike. I could do what Alex did, and replace the connectors with the 229 series, but, right now that is too much work considering all the other projects waiting. I will also now have to dig in to my 7000F and diagnose and repair it, when I have a chance, so, I can place it in a good pile. It would be neat if I could get a case from Alex, as it does appeal to me to have it easily accessible as a portable rig. Thanks all & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 8:50 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

Well, last night I played with the 7000F again for a short while. Following my logic that I had a bad mike and a stuck filter were my starting points. Well, I got a full 70 watts out on the highest frequency filter. That really does not make sense, since looking at the schematic all of the filters are low pass, and if it was stuck in the highest frequency output one, I should have had power on any frequency, but no harmonic rejection. This may imply that it is not stuck in the highest frequency filter, but, that all of the lower frequency ones may have defective relays, or, the control logic for them is not working properly.

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 8:09 PM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

Brooke –

I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in the wrong range. I'll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not check the integrity of the filter relays. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 7:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
There's a little in one of the AME modes (USB AME or LSB AME).

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the power. Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The dummy load, a good 50 watt

job, is cold, HI. I am going to try it with the H-250 and get some audio into it and see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in the connector. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Sent: Tuesday, January 13, 2015 3:20 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

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K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 3:06 PM
Subject: RE: [transworld_radio] TW7000 problems?

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Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use it on AC or with an external DC supply. Thanks & 73 – Mike

Mike B. Feher, N4FS

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To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.
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K2AJR

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Sent: Tuesday, January 13, 2015 11:13 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> Attachment(s) from Alex J Rokowetz included below]

Mike,

The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems?

The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike.

The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM

To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.

With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1216. RE: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-14 17:27:54 UTC
From: Mike Feher
Topic: 1177 Message: 1216

Seems like I am hogging the reflector. I hope no one minds. Just found a very unexpected result. I figured the mike did not work because of maybe an open wire in the connector, well, guess what, the wires in the connector are fine, however the element itself is open. I do not think that I have ever seen an open dynamic mike element, especially one that is as new as this one is. Any ideas where I may be able to find a substitute. I probably have hundreds of mikes, but, how many will I have to take apart till I find one that is a good fit? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 11:00 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

The continuing saga, HI. Anyway, after re-seating all of the boards again, after I did the processor, the 7000 is now working fine. It pegs the needle on the Bird with a 100 watt element on CW. The microphone, other than for the PTT part, does not work and has no audio output. I sent Ed in Peru and email to that effect and I hope he has another mike. I could do what Alex did, and replace the connectors with the 229 series, but, right now that is too much work considering all the other projects waiting. I will also now have to dig in to my 7000F and diagnose and repair it, when I have a chance, so, I can place it in a good pile. It would be neat if I could get a case from Alex, as it does appeal to me to have it easily accessible as a portable rig. Thanks all & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 8:50 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

Well, last night I played with the 7000F again for a short while. Following my logic that I had a bad mike and a stuck filter were my starting points. Well, I got a full 70 watts out on the highest frequency filter. That really does not make sense, since looking at the schematic all of the filters are low pass, and if it was stuck in the highest frequency

output one, I should have had power on any frequency, but no harmonic rejection. This may imply that it is not stuck in the highest frequency filter, but, that all of the lower frequency ones may have defective relays, or, the control logic for them is not working properly.

With an M-80 microphone connected, I am able to whistle up to a full 70 watts of output. So, the microphone from Peru is definitely defective, and, as I thought previously, more than likely has open wiring in the connector. So far I have not taken any screws out of the 7000F. Obviously, at this point, I will now have to get to the real culprit. At least, in my mind, I have the problem somewhat isolated. I do not mind working on the 7000F as I really did buy that unit as is. However, the plain 7000, I purchased, from Peru, as working and it does not. That upsets me. I am thinking it is stuck in the CW transmit mode, and, that is why I hear the approximately 1KHz tone when turned on. Also, being in the CW mode, at turn on, it may not allow the BITE to execute, and that may be why the display never comes on. Something simple to try out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

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From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 8:09 PM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

Brooke –

I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in the wrong range. I'll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not check the integrity of the filter relays. 73 – Mike

Mike B. Feher, N4FS

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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Sent: Tuesday, January 13, 2015 12:14 PM
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Mike,

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Alex

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Mike B. Feher, N4FS

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Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems?

The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike.

The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

Print Download (925.1KB) Sign up | Log in Hirose.pdf

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@...m]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@pacific.net [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the

processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.

With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations

manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1217. Re: [transworld_radio] TW7000 problems? M-80 mics

Yahoo group: transworld_radio
Date: 2015-01-14 17:37:03 UTC
From: Dennis
Topic: 1177 Message: 1217

Yes, open mic elements are pretty common with M-80 mics. Given the chance, replace it with one made by Electrovoice.
It sure would be nice to see something different on the subject line!

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, January 14, 2015 11:27 AM
Subject: RE: [transworld_radio] TW7000 problems?

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Seems like I am hogging the reflector. I hope no one minds. Just found a very unexpected result. I figured the mike did not work because of maybe an open wire in the connector, well, guess what, the wires in the connector are fine, however the element itself is open. I do not think that I have ever seen an open dynamic mike element, especially one that is as new as this one is. Any ideas where I may be able to find a substitute. I probably have hundreds of mikes, but, how many will I have to take apart till I find one that is a good fit? 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 11:00 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems? The continuing saga, HI. Anyway, after re-seating all of the boards again, after I did the processor, the 7000 is now working fine. It pegs the needle on the Bird with a 100 watt element on CW. The microphone, other than for the PTT part, does not work and has no audio output. I sent Ed in Peru and email to that effect and I hope he has another mike. I could do what Alex did, and replace the connectors with the 229 series, but, right now that is too much work considering all the other projects waiting. I will also now have to dig in to my 7000F and diagnose and repair it, when I have a chance, so, I can place it in a good pile. It would be neat if I could get a case from Alex, as it does appeal to me to have it easily accessible as a portable rig. Thanks all & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 8:50 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems? Well, last night I played with the 7000F again for a short while. Following my logic that I had a bad mike and a stuck filter were my starting points. Well, I got a full 70 watts out on the highest frequency filter. That really does not make sense, since looking at the schematic all of the filters are low pass, and if it was stuck in the highest frequency output one, I should have had power on any frequency, but no harmonic rejection. This may imply that it is not stuck in the highest frequency filter, but, that all of the lower frequency ones may have defective relays, or, the control logic for them is not working properly. With an M-80 microphone connected, I am able to whistle up to a full 70 watts of output. So, the microphone from Peru is definitely defective, and, as I thought previously, more than likely has open wiring in the connector. So far I have not taken any screws out of the 7000F. Obviously, at this point, I will now have to get to the real culprit. At least, in my mind, I have the problem somewhat isolated. I do not mind working on the 7000F as I really did buy that unit as is. However, the plain 7000, I purchased, from Peru, as working and it does not. That upsets me. I am thinking it is stuck in the CW transmit mode, and, that is why I hear the approximately 1KHz tone when turned on. Also, being in the CW mode, at turn on, it may not allow the BITE to execute, and that may be why the display never comes on. Something simple to try out. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 8:09 PM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems? Brooke – I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in the wrong

range. I’ll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not check the integrity of the filter relays. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 7:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Hi Mike:

In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
There's a little in one of the AME modes (USB AME or LSB AME).--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html 'Mike Feher' n4fs@... [transworld_radio] wrote: Alex – I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the power. Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The dummy load, a good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in the connector. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 3:20 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike,

There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the display change from RX to TX?

AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 3:06 PM
Subject: RE: [transworld_radio] TW7000 problems? Brooke – Hey, that is great to know. I was wondering what that connector was for. I’ll try an M-80 or H-250 in there and see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use it on AC or with an external DC supply. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 2:56 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.

http://www.prc68.com/I/U229PO.shtml
http://www.prc68.com/I/Images/TW7000F10b.jpg

It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the LCD goes blank.
I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many more screws/bolts from angle brackets.--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html 'Mike Feher' n4fs@... [transworld_radio] wrote: Alex – I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@...m
Sent: Tuesday, January 13, 2015 11:23 AM
Subject: RE: [transworld_radio] TW7000 problems? Alex – That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is also very generous of you to so readily share. Thanks – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 11:13 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? [1 Attachment] [Attachment(s) from Alex J Rokowetz included below] Mike, The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems? The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on

the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown. Thanks – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Hi Mike. The link should provide you with the spec sheet that provides the information you asked for. Does the link not work? AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems? Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, Pinout for the Hirose connector is: 1 - Ground2 - RX Audio3 - PTT4 - TX Audio5 - CW Key6 - +12 VDC I have the Hirose spec sheet posted online: Hirose.pdf - File Shared from Box
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| | | | | | | |
| Hirose.pdf - File Shared from BoxPrint Download (925.1KB) Sign up | Log in Hirose.pdf |
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| View on app.box.com | Preview by Yahoo |
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 The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset. AlexK2AJR From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment] [Attachment(s) from Mike Feher included below] Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com

Subject: Re: [transworld_radio] TW7000 problems? Brooke - The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad
On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:
  Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful. --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html 'Mike Feher' n4fs@... [transworld_radio] wrote: Alex and group – Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS. After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems. With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors. Let us know how you make out. AlexK2AJRFrom: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems? Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000

previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? Mike, I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard. BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those. Let us know what you find. AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems? I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1218. RE: [transworld_radio] TW7000 problems

Yahoo group: transworld_radio
Date: 2015-01-14 17:41:26 UTC
From: Mike Feher
Topic: 1218 Message: 1218

Yes, I would agree with the M-80. However, this is a Transworld mike that I received with my 7000 from Peru. Maybe you were not following the thread. Sorry if you are getting tired of it Dennis, but, I thought it would be good if I shared my experience for when others encounter similar problems. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 12:37 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? M-80 mics

Yes, open mic elements are pretty common with M-80 mics. Given the chance, replace it with one made by Electrovoice.

It sure would be nice to see something different on the subject line!

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, January 14, 2015 11:27 AM
Subject: RE: [transworld_radio] TW7000 problems?

Seems like I am hogging the reflector. I hope no one minds. Just found a very unexpected result. I figured the mike did not work because of maybe an open wire in the connector, well, guess what, the wires in the connector are fine, however the element itself is open. I do not think that I have ever seen an open dynamic mike element, especially one that is as new as this one is. Any ideas where I may be able to find a substitute. I probably have hundreds of mikes, but, how many will I have to take apart till I find one that is a good fit? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 11:00 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

The continuing saga, HI. Anyway, after re-seating all of the boards again, after I did the processor, the 7000 is now working fine. It pegs the needle on the Bird with a 100 watt element on CW. The microphone, other than for the PTT part, does not work and has no audio output. I sent Ed in Peru and email to that effect and I hope he has another mike. I could do what Alex did, and replace the connectors with the 229 series, but, right now that is too much work considering all the other projects waiting. I will also now have to dig in to my 7000F and diagnose and repair it, when I have a chance, so, I can place it in a good pile. It would be neat if I could get a case from Alex, as it does appeal to me to have it easily accessible as a portable rig. Thanks all & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Wednesday, January 14, 2015 8:50 AM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

Well, last night I played with the 7000F again for a short while. Following my logic that I had a bad mike and a stuck filter were my starting points. Well, I got a full 70 watts out on the highest frequency filter. That really does not make sense, since looking at the schematic all of the filters are low pass, and if it was stuck in the highest frequency output one, I should have had power on any frequency, but no harmonic rejection. This may imply that it is not stuck in the highest frequency filter, but, that all of the lower frequency ones may have defective relays, or, the control logic for them is not working properly.

With an M-80 microphone connected, I am able to whistle up to a full 70 watts of output. So, the microphone from Peru is definitely defective, and, as I thought previously, more than likely has open wiring in the connector. So far I have not taken any screws out of the 7000F. Obviously, at this point, I will now have to get to the real culprit. At least, in my mind, I have the problem somewhat isolated. I do not mind working on the 7000F as I really did buy that unit as is. However, the plain 7000, I purchased, from Peru, as working and it does not. That upsets me. I am thinking it is stuck in the CW transmit mode, and, that is why I hear the approximately 1KHz tone when turned on. Also, being in the CW mode, at turn on, it may not allow the BITE to execute, and that may be why the display never comes on. Something simple to try out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 8:09 PM
To: transworld_radio@yahoogroups.com
Subject: RE: [transworld_radio] TW7000 problems?

Brooke –

I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in the wrong range. I'll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not check the integrity of the filter relays. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 7:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
There's a little in one of the AME modes (USB AME or LSB AME).

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the power. Yes, the display does change to TX, and, as I said I do get a

few watts out on the Bird with a 100 watt slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The dummy load, a good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in the connector. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 3:20 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the display change from RX to TX?

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 3:06 PM
Subject: RE: [transworld_radio] TW7000 problems?

Brooke –

Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use it on AC or with an external DC supply. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 2:56 PM
To: transworld_radio@yahoogroups.com

Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike:

On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or M-80 microphone?
These are very common military audio accessories.
http://www.prc68.com/I/U229PO.shtml
http://www.prc68.com/I/Images/TW7000F10b.jpg

It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT the LCD goes blank.
I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires removing many more screws/bolts from angle brackets.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex –

I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display, which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more life times to complete half of them, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 12:14 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy to share that info. Please let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 11:23 AM
Subject: RE: [transworld_radio] TW7000 problems?

Alex –

That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is also very generous of you to so readily share. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 11:13 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> Attachment(s) from Alex J Rokowetz included below]

Mike,

The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope this helps.

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 10:08 AM
Subject: RE: [transworld_radio] TW7000 problems?

The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The indexing tabs are not shown. Thanks – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Hi Mike.

The link should provide you with the spec sheet that provides the information you asked for. Does the link not work?

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 9:49 AM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@...m]
Sent: Tuesday, January 13, 2015 9:37 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

Pinout for the Hirose connector is:

1 - Ground

2 - RX Audio

3 - PTT

4 - TX Audio

5 - CW Key

6 - +12 VDC

I have the Hirose spec sheet posted online:

Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> image

<https://app.box.com/s/oaxsycrx7ryqr4nece0g> Hirose.pdf - File Shared from Box

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<https://app.box.com/s/oaxsycrx7ryqr4nece0g> View on app.box.com

Preview by Yahoo

The flyaway control head should have a U183/U connector on the side. Feel free to test with a M80 mic or H250 handset.

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 8:48 AM
Subject: RE: [transworld_radio] TW7000 problems? [1 Attachment]

[<https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> Attachment(s) from Mike Feher included below]

Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 10, 2015 7:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Brooke -

The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to play with it some more tomorrow. 73 - Mike

Sent from my iPad

On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Hi Mike:

I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same so swapping cards may be fruitful.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com <http://www.prc68.com/>
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Mike Feher' n4fs@... [transworld_radio] wrote:

Alex and group –

Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This set did come with the long metal rods, and, they did go through all the cards. Regardless, using the rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the cards. No difference. And no blinking light on the processor board. I removed the processor board again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the next step is to check the power supply, but, first I will have to look at the manual and see where I can easily access test points to measure the voltages from the PS.

After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case. I have never tried to fire that up. I may try that also and see what it does. Also, it may help me isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I get then. Any other ideas are welcome. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 6:22 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall correctly, he is a member of this group. When my radio arrived some of the cards had worked their way loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.

With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my other military radios that have U-183/U connectors.

Let us know how you make out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 3:12 PM
Subject: RE: [transworld_radio] TW7000 problems?

Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had purchased a different flavor 7000 previously, and, that came with all the cables. I have not played with that unit yet. I was just looking at the service manual and printed out the relevant pages. I will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good likelihood that some things may have come loose. Like cards. I am going out in a little while with my lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it then. I again appreciate your willingness to help out. Will let you and the group know how I make out. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, January 03, 2015 3:04 PM

To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 problems?

Mike,

I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that show up with problems usually report some sort of error during the BITE... usually related to a bad card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid, remove and reseat EVERY card, starting with the processor board and work your way down to end where the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of the operator manual there is a diagram that shows which slot is for each card. It's also printd on the backplane/motherboard.

BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide through holes in the hold down bar. If the rods slide all the way through , then each card is properly seated. Not sure if your radio showed up with those.

Let us know what you find.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, January 3, 2015 2:23 PM
Subject: [transworld_radio] TW7000 problems?

I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone from the speaker that does change volume with the volume control. None of the operations manual items show up on the display. What am I doing wrong? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1219. RE: [transworld_radio] TW7000 problems

Yahoo group: transworld_radio
Date: 2015-01-14 18:00:20 UTC
From: Mike Feher
Topic: 1218 Message: 1219

I apologize for that, to you and to the group. I certainly neglected to trim the posts. Will be sure to in the future. On the other hand, there really is not too much traffic on here most of the time. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: Dennis [mailto:spike.dennis@...]
Sent: Wednesday, January 14, 2015 12:56 PM
To: n4fs@...
Subject: Re: [transworld_radio] TW7000 problems

Look at the tail of this thread. It's PAGES long. Pity those that may search our archives at a future date, or are receiving this group in digest mode.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1220. Re: [transworld_radio] TW7000 Mic

Yahoo group: transworld_radio
Date: 2015-01-14 18:23:35 UTC
From: Alex J Rokowetz
Topic: 1218 Message: 1220

Is it a Shure 527 hand mic, Shure 444D, or the Shure 550TSB? Those were the most common with the TW7000.
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, January 14, 2015 12:41 PM
Subject: RE: [transworld_radio] TW7000 problems

  Yes, I would agree with the M-80. However, this is a Transworld mike that I received with my 7000 from Peru. Maybe you were not following the thread. Sorry if you are getting tired of it Dennis, but, I thought it would be good if I shared my experience for when others encounter similar problems. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

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| View on app.box.com | Preview by Yahoo |
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1221. Re: [transworld_radio] TW7000 Shure Mic

Yahoo group: transworld_radio
Date: 2015-01-14 18:31:16 UTC
From: Dennis
Topic: 1218 Message: 1221

A little useful information. The Shure mic element used in many Land Mobile mics like the GE Mastr 2 series etc, are the same as those in the 444 & 404. They differ only in the transistor amplifier that's contained inside the mic cartridge. It easy to open the cartridge and defeat the amp.
These mics are extremely common and can often be had for hauling them off at hamfest. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1222. Re: [transworld_radio] TW7000 problems?

Yahoo group: transworld_radio
Date: 2015-01-14 21:07:16 UTC
From: Brooke Clarke
Topic: 1177 Message: 1222

Hi Mike:

You might try Heil. I found they make a dynamic element for the D104 and suspect that one or another of theirs might fit.
http://www.prc68.com/I/D104.html

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'Mike Feher' n4fs@... [transworld_radio] wrote:
>
>
> Seems like I am hogging the reflector. I hope no one minds. Just found a very unexpected result. I figured the mike
> did not work because of maybe an open wire in the connector, well, guess what, the wires in the connector are fine,
> however the element itself is open. I do not think that I have ever seen an open dynamic mike element, especially one
> that is as new as this one is. Any ideas where I may be able to find a substitute. I probably have hundreds of mikes,
> but, how many will I have to take apart till I find one that is a good fit? 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Wednesday, January 14, 2015 11:00 AM
> *To:* transworld_radio@yahoogroups.com
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> The continuing saga, HI. Anyway, after re-seating all of the boards again, after I did the processor, the 7000 is now
> working fine. It pegs the needle on the Bird with a 100 watt element on CW. The microphone, other than for the PTT
> part, does not work and has no audio output. I sent Ed in Peru and email to that effect and I hope he has another
> mike. I could do what Alex did, and replace the connectors with the 229 series, but,

right now that is too much work
> considering all the other projects waiting. I will also now have to dig in to my 7000F and diagnose and repair it,
> when I have a chance, so, I can place it in a good pile. It would be neat if I could get a case from Alex, as it does
> appeal to me to have it easily accessible as a portable rig. Thanks all & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Wednesday, January 14, 2015 8:50 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Well, last night I played with the 7000F again for a short while. Following my logic that I had a bad mike and a stuck
> filter were my starting points. Well, I got a full 70 watts out on the highest frequency filter. That really does not
> make sense, since looking at the schematic all of the filters are low pass, and if it was stuck in the highest
> frequency output one, I should have had power on any frequency, but no harmonic rejection. This may imply that it is
> not stuck in the highest frequency filter, but, that all of the lower frequency ones may have defective relays, or,
> the control logic for them is not working properly.
>
> With an M-80 microphone connected, I am able to whistle up to a full 70 watts of output. So, the microphone from Peru
> is definitely defective, and, as I thought previously, more than likely has open wiring in the connector. So far I
> have not taken any screws out of the 7000F. Obviously, at this point, I will now have to get to the real culprit. At
> least, in my mind, I have the problem somewhat isolated. I do not mind working on the 7000F as I really did buy that
> unit as is. However, the plain 7000, I purchased, from Peru, as working and it does not. That upsets me. I am thinking
> it is stuck in the CW transmit mode, and, that is why I hear the approximately 1KHz tone when turned on. Also, being
> in the CW mode, at turn on, it may not allow the BITE to execute, and that may be why the display never comes on.
> Something simple to try out. 73 – Mike
>
> Mike B. Feher, N4FS
>

> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 8:09 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Brooke –
>
> I realize that, but, at the time I had it in CW mode. I did try an M-80 on it and indeed now it works, but only up to
> a few watts, as on CW. So, as I guessed, the mike I got from Peru is also defective along with the radio. I will
> probably request a claim as I did not intend to purchase another project. The 7000F has hope. I am now thinking that
> since the input power is close to 150 watts and the output is only a few, I believe the filter bank may be stuck in
> the wrong range. I'll try it later at different frequencies, at mid-band of each filter. Diagnostics probably does not
> check the integrity of the filter relays. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 7:14 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike:
>
> In theory there's no signal output from a SSB radio when PTT is pressed and there's no audio.
> There's a little in one of the AME modes (USB AME or LSB AME).
>
> --
> Have Fun,
>
> Brooke Clarke

> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex –
>
> I am aware of the three power settings and then the Alpha control. I have it set to high power and 200 on the
> power. Yes, the display does change to TX, and, as I said I do get a few watts out on the Bird with a 100 watt
> slug, even though on TX it is drawing 10 amps. The PA must have gotten warm enough because the fan came on. The
> dummy load, a good 50 watt job, is cold, HI. I am going to try it with the H-250 and get some audio into it and
> see what happens then. Possibly the mike I got with it, from Eduardo, is also defective, or, has broken wires in
> the connector. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 3:20 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
>
>
>
>
>
>
> There are three power out setting, low, medium, and high, and each is user definable. The low setting can be just
> a few watts out. If you haven't already checked that out it might be worthwhile. When you key down, does the
> display change from RX to TX?
>
>
>

>
>
>
>
>
>
>
>
> Alex
>
> K2AJR
>
> ----------
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 3:06 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Brooke –
>
> Hey, that is great to know. I was wondering what that connector was for. I'll try an M-80 or H-250 in there and
> see what happens. Mine does draw a lot of power during transmit, like I said, close to 10 amps, and the fan even
> came on, but, there is only a few watts out and that is into a good dummy load. It behave the same whether I use
> it on AC or with an external DC supply. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 2:56 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike:
>
> On the left side of the control head for your flyaway radio is there a U-229 connector for an H-250 handset or
> M-80 microphone?

> These are very common military audio accessories.
> http://www.prc68.com/I/U229PO.shtml
> http://www.prc68.com/I/Images/TW7000F10b.jpg
>
> It's interesting that my TW7000F has a very similar problem. It receives fine but in my case when I press the PTT
> the LCD goes blank.
> I pulled out the RF Filter-RF Amp metal box and powered it through the big wires on the Molex connector and it did
> not draw any current, to I don't think there's anything wrong with it. (The only DC connection to the RF Amp are
> those 2 wires). So there's something else in the PTT circuitry that's causing the problem.
> Next to put it back together and try pulling boards that have PTT on them one at a time, but that requires
> removing many more screws/bolts from angle brackets.
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex –
>
> I am sure everyone appreciates it. Provided with your connector info, I went to my 7000F. I connected the PTT
> to ground and got a loud tone, just like on my regular 7000. However, on this unit II still had the display,
> which on the other I never do. The radio did draw about 10 amps, but only put out a few watts. CW is not
> available on the menu, and when I connect the GND to the CW pin, the receiver just quiets down a little, but
> does not switch over to TX. When I ground the TX pin, the display resets and goes through diagnostics. I guess
> now when I get a chance, I will have to peruse the schematics. I have so many projects, that I need 10 more
> life times to complete half of them, HI. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960

>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 12:14 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> What I know about radio could fit in a thimble. IF I do know something that will helps others out, I am happy
> to share that info. Please let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 11:23 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Alex –
>
> That is great. Boy, what would we do without you? You are indeed a time saver with a lot of this stuff. It is
> also very generous of you to so readily share. Thanks – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 11:13 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems? [1 Attachment]
>
> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=34tilr9tks21a#TopText> from Alex J Rokowetz
> included below]*
>

> Mike,
>
> The arrow is the top. Attached is a sketch I just drew up and I confirmed it on my TW7000 with a DMM. I hope
> this helps.
>
> Alex
>
> K2AJR
>
> ---
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 10:08 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> The link to the Hirose document does work. That is where I said the last page may be of help. Regardless, it
> is still not clear. I guess once I find 12V then maybe it will be clear. There are a lot of indexing tabs on
> the connector, yet the Hirose diagram only shows one arrow at the top. Where is that supposed to be? The
> indexing tabs are not shown. Thanks – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 10:02 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Hi Mike.
>
> The link should provide you with the spec sheet that provides the information you asked for. Does the link
> not work?
>
> Alex
>
> K2AJR

>
> ----------
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 9:49 AM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks Alex. I know what each pin does, as those are in the manuals, I just do not know the pin numbers on the
> connector itself. Looks like possibly the last page of that pdf document may help. Thanks again & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Tuesday, January 13, 2015 9:37 AM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> Pinout for the Hirose connector is:
>
> 1 - Ground
>
> 2 - RX Audio
>
> 3 - PTT
>
> 4 - TX Audio
>
> 5 - CW Key
>
> 6 - +12 VDC
>
> I have the Hirose spec sheet posted online:
>
> Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
>
>

>
> image <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
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> Hirose.pdf - File Shared from Box <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
>
> Print Download (925.1KB) Sign up | Log in Hirose.pdf
>
>
> View on *app.box.com* <https://app.box.com/s/oaxsycrx7ryqr4nece0g>
>
>
>
> Preview by Yahoo
>
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>
>
>
>
>
>
>
>
>
> The flyaway control head should have a U183/U connector on the side. Feel free to test
with a M80 mic or H250
> handset.
>
> Alex
>
> K2AJR
>
> ----------
>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Tuesday, January 13, 2015 8:48 AM
> *Subject:* RE: [transworld_radio] TW7000 problems? [1 Attachment]

>
> *[Attachment(s) <https://us-mg6.mail.yahoo.com/neo/launch?.rand=buf9hlr5pec25#TopText> from Mike Feher
> included below]*
>
> Well, last night I got to play with my 7000s again. Prior to switching out cards, I decided to try the TW7000F
> and see what it does. It works fine on receive. However, it does not seem to transmit. It does draw more
> current when I depress the mike button, but, there is no power out, even when I whistle in the mike. I did
> check the Alpha 18 and it is in the RX/TX mode, so that is not it. The self-test on power up works and the
> manual BITE when initiated with the Alpha key also shows all boards OK. Now, I am also suspicious of the mike
> that I got from Eduardo. More tests are required. Does anyone know the mike connector numbering? I do not see
> a photo of it with the numbers in either the ops or the service manual. I am attaching a photo of the
> connector on the radio. Maybe someone can mark it up to save me a little time. I want to try it in CW mode.
> Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 10, 2015 7:05 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Brooke -
>
> The regular 7000 does not have an antenna tuner. I assume that is what you meant. Maybe I"ll have chance to
> play with it some more tomorrow. 73 - Mike
>
> Sent from my iPad
>
>
> On Jan 10, 2015, at 5:03 PM, "Brooke Clarke brooke@... <mailto:brooke@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>> wrote:
>

> Hi Mike:
>
> I think the tuner is different between the TW7000 and the TW7000F, otherwise the cards should be the same
> so swapping cards may be fruitful.
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
> 'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio] wrote:
>
> Alex and group –
>
> Well, I finally got around to doing some preliminary testing this AM. So far not too encouraging. This
> set did come with the long metal rods, and, they did go through all the cards. Regardless, using the
> rods as extractor tools, which is what I assume they are also for, I did remove and re-seat all the
> cards. No difference. And no blinking light on the processor board. I removed the processor board
> again, checked the battery, and it was 2.93 volts, so I figure that is good enough for now. I also
> removed the jumper on JU10 and placed it across the D terminals as mentioned in the manual. Still no
> display, and the loud tone remains. However, now the LED on the processor is blinking. So, I assume I
> have 5 volts, and since I am getting the loud tone, I assume I have 12 volts as well. Regardless, the
> next step is to check the power supply, but, first I will have to look at the manual and see where I
> can easily access test points to measure the voltages from the PS.
>
> After seeing Brooke’s 7000F, I realized that my other 7000 is an F model, it is only missing the case.
> I have never tried to fire that up. I may try that also and see what it does. Also, it may help me
> isolate the problem if the PS is good by swapping cards from the F to the standard unit and see what I
> get then. Any other ideas are welcome. Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>

> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 6:22 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I also purchased one of my TW7000 radios from a seller in Peru, Eduardo Leiva Goycochea. If I recall
> correctly, he is a member of this group. When my radio arrived some of the cards had worked their way
> loose and the radio had problems booting. After ensuring that all were seated properly, I had no problems.
>
> With my radio, one of the Datron mic connectors had been removed, the hole diameter increased and a
> ham friendly mic connector was installed. Since I had no ham mics, I increased the hole diameter more
> and installed a U-183/U connector. Now, I have the option of using all of my military mics that have a
> U-229 connector. I can also use the same interface that I built for my SignaLink to mate with my
> other military radios that have U-183/U connectors.
>
> Let us know how you make out.
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 3:12 PM
> *Subject:* RE: [transworld_radio] TW7000 problems?
>
> Thanks again Alex. As it turns out I had an actual power cable and did not even realize it. I had
> purchased a different flavor 7000 previously, and, that came with all the cables. I have not played
> with that unit yet. I was just looking at the service manual and printed out the relevant pages. I

> will do as you suggest, which is what I was going to try and do anyway, but, it is encouraging to hear
> you say it as well. This one came from eBay also, and, all the way from Peru, so, there is a good
> likelihood that some things may have come loose. Like cards. I am going out in a little while with my
> lady friend, and will not be home till tomorrow, but, I will have an undisturbed day to play with it
> then. I again appreciate your willingness to help out. Will let you and the group know how I make out.
> 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> [mailto:transworld_radio@yahoogroups.com]
> *Sent:* Saturday, January 03, 2015 3:04 PM
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Subject:* Re: [transworld_radio] TW7000 problems?
>
> Mike,
>
> I'm at work and don;t have a manual available to me but most of the TW7000 radios I have seen that
> show up with problems usually report some sort of error during the BITE... usually related to a bad
> card or module. In your case, I would power down the radio, remove DC power cord, pop off the lid,
> remove and reseat EVERY card, starting with the processor board and work your way down to end where
> the Noise Blanker slot is. Be really sure every card is properly seated. I have found that although
> it may look properly a card may not be. Also, be sure each card is in the right slot. In the rear of
> the operator manual there is a diagram that shows which slot is for each card. It's also printd on
> the backplane/motherboard.
>
> BTW, Some radios show up with a hold down bar that screws into the chassis and metal rods that slide
> through holes in the hold down bar. If the rods slide all the way through , then each card is
> properly seated. Not sure if your radio showed up with those.
>

> Let us know what you find.
>
> Alex
>
> K2AJR
>
> ---

>
> *From:*"'Mike Feher' n4fs@... <mailto:n4fs@...> [transworld_radio]"
> <transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>>
> *To:* transworld_radio@yahoogroups.com <mailto:transworld_radio@yahoogroups.com>
> *Sent:* Saturday, January 3, 2015 2:23 PM
> *Subject:* [transworld_radio] TW7000 problems?
>
> I just powered up my TW7000. The only thing it does is give a loud fixed frequency tone
from the
> speaker that does change volume with the volume control. None of the operations manual
items show up
> on the display. What am I doing wrong? Thanks & 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>
>

1223. PRC-1099A Missing sidetone

Yahoo group: transworld_radio
Date: 2015-01-15 02:16:17 UTC
From: Helmut Dietz
Topic: 1223 Message: 1223

My PRC-1099A has lost it's side tone. (It has never been too loud before). Per the tech manual, I should not have any power out in transmit, but that is not the case.All transmit functions, as well as output power are normal when tested into a wattmeter / dumm load. On air tests confirm that the transmitter is working fine, but the sidetone is non existent.Where do I start looking? Thanks,HelmutKB6NGS.

1224. TW7000 question -

Yahoo group: transworld_radio
Date: 2015-01-18 02:39:25 UTC
From: Mike Feher
Topic: 1224 Message: 1224

Well, I now have the TW7000 working just fine. I do have one question, which is how do I synchronize the TX and RX frequencies. In other words, if I am tuning up or down the band, using the up or down arrow, and I find a frequency on which I want to transmit? Right now, when I tune using the up/down, and give someone a call, it reverts back to my starting frequency. Is there a way to transmit on the newly tuned receive frequency, automatically? Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1225. Re: [transworld_radio] TW7000 question -

Yahoo group: transworld_radio
Date: 2015-01-18 09:46:08 UTC
From: Ion Gheorghiescu
Topic: 1224 Message: 1225

Only on channel zero you have the same freq. on tx and rx in the same time
---
On Sun, 1/18/15, 'Mike Feher' n4fs@... [transworld_radio]
<transworld_radio@yahoogroups.com> wrote:

Subject: [transworld_radio] TW7000 question -
To: transworld_radio@yahoogroups.com
Date: Sunday, January 18, 2015, 4:39 AM

Well, I now have the TW7000
working just fine. I do have one question, which is how do I
synchronize the TX and RX frequencies. In other words, if I
am tuning up or down the band, using the up or down arrow,
and I find a frequency on which I want to transmit? Right
now, when I tune using the up/down, and give someone a call,
it reverts back to my starting frequency. Is there a way to
transmit on the newly tuned receive frequency,
automatically? Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ,
07731732-886-5960

1226. RE: [transworld_radio] TW7000 question -

Yahoo group: transworld_radio
Date: 2015-01-18 12:50:02 UTC
From: Mike Feher
Topic: 1224 Message: 1226

Thank you Ion. I will have to try that. Regards - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, January 18, 2015 4:46 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 question -

Only on channel zero you have the same freq. on tx and rx in the same time
---
On Sun, 1/18/15, 'Mike Feher' n4fs@... [transworld_radio]
<transworld_radio@yahoogroups.com> wrote:

Subject: [transworld_radio] TW7000 question -
To: transworld_radio@yahoogroups.com
Date: Sunday, January 18, 2015, 4:39 AM

_._,___

1227. RT100 on eBay

Yahoo group: transworld_radio
Date: 2015-01-18 14:50:23 UTC
From: Alex J Rokowetz
Topic: 1116 Message: 1227

In case any of you have way too much money sitting around...
Transworld RT100/MP HF SSB AM Military Radio Transcever With Sel Call ALE

| |
| | | | | | | |
| Transworld RT100/MP HF SSB AM Military Radio Trans...US $1,750.00 Used in Consumer Electronics, Radio Communication, Ham, Amateur Radio |
| |
| View on www.ebay.com | Preview by Yahoo |
| |
| |

I don't recommend laying out this much cash for an RT100.
AlexK2AJR

1228. Re: [transworld_radio] RT100 on eBay

Yahoo group: transworld_radio
Date: 2015-01-18 14:58:14 UTC
From: Dennis
Topic: 1116 Message: 1228

He had it on QTH to start with at $2400, so he might be open to negotiation and selling outside ebay. I had some correspondence with him about value. Though an improvement over $2400 still to pricey for me at $1750. Especially with no NB. He claims it has ALE but I doubt that. Most likely it has Selcal which is pretty common..
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Sunday, January 18, 2015 8:50 AM
Subject: [transworld_radio] RT100 on eBay

<!--#yiv0799466606 #yiv0799466606 .yiv0799466606ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0799466606 div.yiv0799466606ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0799466606 div.yiv0799466606photo-title a, #yiv0799466606 div.yiv0799466606photo-title a:active, #yiv0799466606 div.yiv0799466606photo-title a:hover, #yiv0799466606 div.yiv0799466606photo-title a:visited {text-decoration:none;}#yiv0799466606 div.yiv0799466606attach-table div.yiv0799466606attach-row {clear:both;}#yiv0799466606 div.yiv0799466606attach-table div.yiv0799466606attach-row div {float:left;}#yiv0799466606 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0799466606 div.yiv0799466606ygrp-file {width:30px;}#yiv0799466606 div.yiv0799466606attach-table div.yiv0799466606attach-row div div a {text-decoration:none;}#yiv0799466606 div.yiv0799466606attach-table div.yiv0799466606attach-row div div span {font-weight:normal;}#yiv0799466606 div.yiv0799466606ygrp-file-title {font-weight:bold;}#yiv0799466606 -->

In case any of you have way too much money sitting around...
Transworld RT100/MP HF SSB AM Military Radio Transcever With Sel Call ALE

| |
| | | | | | | |
| Transworld RT100/MP HF SSB AM Military Radio Trans...US $1,750.00 Used in Consumer Electronics, Radio Communication, Ham, Amateur Radio |
| |
| View on www.ebay.com | Preview by Yahoo |
| |
| |

I don't recommend laying out this much cash for an RT100.
AlexK2AJR

1229. Re: [transworld_radio] RT100 on eBay.

Yahoo group: transworld_radio
Date: 2015-01-18 15:23:36 UTC
From: Alex J Rokowetz
Topic: 1116 Message: 1229

The 100 series do not have internal ALE hardware. I used some 100 radios with external ALE boxes manufactured by Frederick Electronics (currently NSG Datacom). He's probably using the acronym ALE loosely without a solid understanding of what ALE is. I agree he is most likely taking about Selcall only.

Everyone I know that has an RT100 has paid about $600 USD for just the radio with no other accessories. So as far as I am concerned, that's the going rate.

AlexK2AJR
From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Sunday, January 18, 2015 9:58 AM
Subject: Re: [transworld_radio] RT100 on eBay

  He had it on QTH to start with at $2400, so he might be open to negotiation and selling outside ebay. I had some correspondence with him about value. Though an improvement over $2400 still to pricey for me at $1750. Especially with no NB. He claims it has ALE but I doubt that. Most likely it has Selcal which is pretty common..
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Sunday, January 18, 2015 8:50 AM
Subject: [transworld_radio] RT100 on eBay

In case any of you have way too much money sitting around...
Transworld RT100/MP HF SSB AM Military Radio Transcever With Sel Call ALE

| |
| | | | | | | |
| Transworld RT100/MP HF SSB AM Military Radio Trans...US $1,750.00 Used in Consumer Electronics, Radio Communication, Ham, Amateur Radio |
| |
| View on www.ebay.com | Preview by Yahoo |
| |
| |

I don't recommend laying out this much cash for an RT100.
AlexK2AJR

1230. RE: [transworld_radio] TW7000 question -

Yahoo group: transworld_radio
Date: 2015-01-21 00:00:14 UTC
From: tacticalwookie
Topic: 1224 Message: 1230

All this chatter about the 7000 makes me want to fix mine. ... 7000F, bad psu, rx+tx ok, no +12vdc on the bnc to run the tuner.... Ira
-------- Original message --------
From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]"
Date:01/17/2015 18:39 (GMT-08:00)
To: transworld_radio@yahoogroups.com
Cc:
Subject: [transworld_radio] TW7000 question -

Well, I now have the TW7000 working just fine. I do have one question, which is how do I synchronize the TX and RX frequencies. In other words, if I am tuning up or down the band, using the up or down arrow, and I find a frequency on which I want to transmit? Right now, when I tune using the up/down, and give someone a call, it reverts back to my starting frequency. Is there a way to transmit on the newly tuned receive frequency, automatically? Thanks & 73 – Mike Mike B. Feher, N4FS 89 Arnold Blvd. Howell, NJ, 07731 732-886-5960

1231. Re: TW7000 question -

Yahoo group: transworld_radio
Date: 2015-01-21 00:26:32 UTC
From: n7shm@...
Topic: 1224 Message: 1231

Mike,

Here are details on entering channel frequencies, frequency scrolling, and the manual channel (000).

Dan
N7SHM

====
TW7000 Technical Manual

3.3.3.2 ENTERING SIMPLEX FREQUENCIES
To select the channel to which the new frequency is to be assigned, first enter "C" and the three digit channel number. Next, enter "F" (frequency). Any entry now will write over the existing frequency, hence editing. To abort, enter "E". Enter a frequency in MHz, making sure to include the decimal point. Push "E" to complete the entry. The channel number now specifies the new frequency.

Example:
Change the frequency of channel 041 to 13.330,000 MHz to 8.572,000 MHz.

Enter Display Indicates
"C 041" CH FREQ
041 13.330,000 MHz
Rx

Enter Display Indicates
"F 8.572 E" CH FREQ
041 8.572,000 MHz
Rx

3.3.3.3 ENTERING SEMI-DUPLEX FREQUENCIES
To select the channel to which the new frequencies are to be assigned, first enter "C" and the three digit channel number. Next, enter "F" (frequency) - (note that the "Rx" icon is displayed). Enter the receive frequency. Next, enter "F" again (note that the "Tx" icon is now displayed). Enter the transmit frequency. Push "E" and the entry is complete. The channel now displays the new Rx frequency.

Example:
Assign the receive frequency of 23.500,000 MHz and a transmit frequency of 24.000,000 MHz to channel 199.

Enter Display Indicates
"C 199" CH FREQ
199 00.000,000 MHz
Rx

Enter Display Indicates
"F 23.5" CH FREQ
199 23.500,000 MHz
Rx

Enter Display Indicates
"F 24.0" CH FREQ
199 24.000,000 MHz
Tx

Enter Display Indicates
"E" CH FREQ
199 23.500,000 MHz
Rx

To interrogate a semi-duplex channel as to its transmit frequency, first enter "C" and the three-digit channel
number. Next, enter "F" twice and "C" to exit.

NOTE

Entering any numbers after the "F" entry will edit the existing frequencies.

3.3.3.4 FREQUENCY SCROLLING
Any displayed frequency may be scrolled up or down by entering "F" and pushing the up and down arrow buttons. The scrolling rate will increase proportionally to the length of time the button is held down. The channel number will maintain the initial frequency in memory, regardless of the display, unless "E" is pushed. Pushing "E" will store the new frequency in channel memory.

3.3.3.5 MANUAL CHANNEL
The manual channel is defined as channel 000. It is akin to a scratchpad for manipulating frequencies, without the worry of over-writing a frequency on another channel. Information gathered here can be entered on a fixed channel, or discarded at the operator's discretion.

To assign the channel 000 data to another channel, enter "C" and the three-digit channel number to which the data is to be stored. Next, enter "C" and then "E". This will copy the data from the manual channel to the new channel. The data will also remain in the manual channel.

Example:

Enter Display Indicates
"C 155 C E" Current status of channel 000

Enter Display Indicates
"C 155 E" Channel 155 (status identical to channel 000)

1232. RE: [transworld_radio] Re: TW7000 question -

Yahoo group: transworld_radio
Date: 2015-01-21 00:55:44 UTC
From: Mike Feher
Topic: 1224 Message: 1232

Thanks Dan – I should have read the manual more thoroughly, HI. I have been using Ion's suggestion of using Channel 00 and so far that seems to meet my needs perfectly. I still have a lot to learn about the rig, but, have been having a lot of fun with it and making many QSOs. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, January 20, 2015 7:27 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Re: TW7000 question -

Mike,

Here are details on entering channel frequencies, frequency scrolling, and the manual channel (000).

Dan

N7SHM

1233. TW7000F DC-DC Test Points?

Yahoo group: transworld_radio
Date: 2015-01-23 01:12:53 UTC
From: Brooke Clarke
Topic: 1233 Message: 1233

Hi:

I think I've eliminated pretty much everything except the DC to DC converter.
Are there test points so I can check it's output voltages when PTT is pressed?
PS added photos of the individual plug-in boards:
http://www.prc68.com/I/TW7000F.html

--
Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1234. Want to Purchase, TS-4350/PRC

Yahoo group: transworld_radio
Date: 2015-02-11 21:55:22 UTC
From: Pasquale Lombardi
Topic: 1234 Message: 1234

I want to purchase

TEST SET, RADIO FREQUENCY POWER, TS-4350/PRC

Please reply directly to me at

Pasquale.nj@...

Thank you,

Pat

Kc2rnn

1235. TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-01 18:46:20 UTC
From: Mike Feher
Topic: 1235 Message: 1235

Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1236. Re: [transworld_radio] TW7000 - 2 TW7000s with Remote

Yahoo group: transworld_radio
Date: 2015-03-01 21:47:46 UTC
From: Alex J Rokowetz
Topic: 1235 Message: 1236

Mike,
By the way, if you were the person who picked up the two TW7000 radios that came with a TW7201 remote on eBay you will have lots of fun with the remote. It'd very easy to operate an only requires two circuits to operate. Have fun with it. If I remember correctly, one or both of those units came with a noise blanker (Very desirable in my mind) and I think they also had ALE cards. After you dig into them, please let us know what you actually got.
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, March 1, 2015 1:46 PM
Subject: [transworld_radio] TW7000 -

Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1237. Re: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-01 22:30:30 UTC
From: Alex J Rokowetz
Topic: 1235 Message: 1237

Hi Mike,
I sure can.
These are easily sourced from Newark, Mouser, Allied Electric etc.
I'm pretty sure the part numbers have been provided in earlier posts. If you need it, let me know and I will dig it out.
AlexK2AJR

  From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, March 1, 2015 1:46 PM
Subject: [transworld_radio] TW7000 -

  Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1238. RE: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 01:31:34 UTC
From: Mike Feher
Topic: 1235 Message: 1238

Alex –

I understand they are “Hirose” connectors as you did mention that in a previous post. However, I am overwhelmed by the selection of even those. So, yes, when you run across it I would appreciate the actual PN. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 5:31 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 -

Hi Mike,

I sure can.

These are easily sourced from Newark, Mouser, Allied Electric etc.

I'm pretty sure the part numbers have been provided in earlier posts. If you need it, let me know and I will dig it out.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, March 1, 2015 1:46 PM
Subject: [transworld_radio] TW7000 -

Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1239. RE: [transworld_radio] TW7000 - 2 TW7000s with Remote

Yahoo group: transworld_radio
Date: 2015-03-02 01:41:15 UTC
From: Mike Feher
Topic: 1235 Message: 1239

Alex –

Those are indeed the ones. He did not say anything about the options, so, I am not sure what is in there, but, I have my fingers crossed, HI. My current 7000 has the clock and the ALE options. I do not envision ever using ALE, and unfortunately the clock does not stay on. It would be nice if the time was continuously displayed.

I still also have the 7000F but had no reason to dig into it to figure out the output filter problem. That also has a removable control, but of course for the 7000F it is the only control.

There was also a 7000 for sale for a 1250 BIN, and a “best offer” and I did not move on that, but a lucky buyer was able to get it for $450, which I thought was a real great price. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 4:48 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 - 2 TW7000s with Remote

Mike,

By the way, if you were the person who picked up the two TW7000 radios that came with a TW7201 remote on eBay you will have lots of fun with the remote. It'd very easy to operate an only requires two circuits to operate. Have fun with it. If I remember correctly, one or both of those units came with a noise blanker (Very desirable in my mind) and I think they also had ALE cards. After you dig into them, please let us know what you actually got.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, March 1, 2015 1:46 PM
Subject: [transworld_radio] TW7000 -

Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my

other 7000 a lot and I really do like it. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

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1240. Re: [transworld_radio] TW7000 - 2 TW7000s with Remote

Yahoo group: transworld_radio
Date: 2015-03-02 01:42:55 UTC
From: Brian Gieryk
Topic: 1235 Message: 1240

ALE on the ham bands is quite active.

hflink.net

Fun, too!

Brian
KE6IYC

On Mar 1, 2015, at 6:41 PM, "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

>
> Alex –
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>
> Those are indeed the ones. He did not say anything about the options, so, I am not sure what is in there, but, I have my fingers crossed, HI. My current 7000 has the clock and the ALE options. I do not envision ever using ALE, and unfortunately the clock does not stay on. It would be nice if the time was continuously displayed.
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> I still also have the 7000F but had no reason to dig into it to figure out the output filter problem. That also has a removable control, but of course for the 7000F it is the only control.
>
>
>
> There was also a 7000 for sale for a 1250 BIN, and a “best offer” and I did not move on that, but a lucky buyer was able to get it for $450, which I thought was a real great price. Thanks & 73 – Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
>
>

> From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
> Sent: Sunday, March 01, 2015 4:48 PM
> To: transworld_radio@yahoogroups.com
> Subject: Re: [transworld_radio] TW7000 - 2 TW7000s with Remote
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>
> Mike,
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>
> By the way, if you were the person who picked up the two TW7000 radios that came with a TW7201 remote on eBay you will have lots of fun with the remote. It'd very easy to operate an only requires two circuits to operate. Have fun with it. If I remember correctly, one or both of those units came with a noise blanker (Very desirable in my mind) and I think they also had ALE cards. After you dig into them, please let us know what you actually got.
>
>
>
> Alex
>
> K2AJR
>
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>
>
>
> From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
> To: transworld_radio@yahoogroups.com
> Sent: Sunday, March 1, 2015 1:46 PM
> Subject: [transworld_radio] TW7000 -
>
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>
> Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>

> Howell, NJ, 07731
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> 732-886-5960
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1241. RE: [transworld_radio] TW7000 - 2 TW7000s with Remote

Yahoo group: transworld_radio
Date: 2015-03-02 01:51:43 UTC
From: Mike Feher
Topic: 1235 Message: 1241

Brian -

Thanks for the info. I am somewhat familiar with ALE from a previous time in industry, however, at least right now I still feel the best computer to operate a "ham radio" is a human. Being licensed for 52 years this month and an Extra for 40 this year, I may be a dinosaur in this respect, and I do not deny the possibility that I may have a different perspective in the future.
Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com
[mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 8:43 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 - 2 TW7000s with Remote

ALE on the ham bands is quite active.

hflink.net

Fun, too!

Brian

KE6IYC

On Mar 1, 2015, at 6:41 PM, "'Mike Feher' n4fs@...
[transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

1242. Re: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 02:01:37 UTC
From: Charles Stephemson
Topic: 1235 Message: 1242

I have a new (TW7000 w/power supply, and 500w amp inside it own module never used). I need a mike to see if it will work.If anyone can let me know were I, can find the Mic or connectors.
chs1943@...

On Sunday, March 1, 2015 8:31 PM, "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Alex – I understand they are “Hirose” connectors as you did mention that in a previous post. However, I am overwhelmed by the selection of even those. So, yes, when you run across it I would appreciate the actual PN. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 5:31 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 - Hi Mike, I sure can. These are easily sourced from Newark, Mouser, Allied Electric etc. I'm pretty sure the part numbers have been provided in earlier posts. If you need it, let me know and I will dig it out. AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, March 1, 2015 1:46 PM
Subject: [transworld_radio] TW7000 - Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1243. Re: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 11:04:54 UTC
From: Alex J Rokowetz
Topic: 1235 Message: 1243

Gents,
My records show that I bought my connectors from Mouser.
http://www.mouser.com/Search/ProductDetail.aspx?R=SR30-10PM-6P(71)virtualkey64550000virtualkey798-SR3010PM6P71

Mouser Part #:	798-SR3010PM6P71
Manufacturer Part #:	SR30-10PM-6P(71)
Manufacturer:	Hirose Connector
Description:	Standard Circular Connector 6P M STRT SOLDR PLUG CABLE CON SCREW LOCK

These come complete. No additional backshells or clamps are required but you might need a magnifying glass while you solder. These connectors are TINY!
AlexK2AJR
  From: "Charles Stephemson chs1943@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Sunday, March 1, 2015 9:01 PM
Subject: Re: [transworld_radio] TW7000 -

I have a new (TW7000 w/power supply, and 500w amp inside it own module never used). I need a mike to see if it will work.If anyone can let me know were I, can find the Mic or connectors.
chs1943@...

On Sunday, March 1, 2015 8:31 PM, "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

  Alex – I understand they are “Hirose” connectors as you did mention that in a previous post. However, I am overwhelmed by the selection of even those. So, yes, when you run across it I would appreciate the actual PN. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 5:31 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 - Hi Mike, I sure can. These are easily sourced from Newark, Mouser, Allied Electric etc. I'm pretty sure the part numbers have been provided in earlier posts. If you need it, let me know and I will dig it out. AlexK2AJR

  From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, March 1, 2015 1:46 PM
Subject: [transworld_radio] TW7000 - Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1244. Re: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 11:11:16 UTC
From: Alex J Rokowetz
Topic: 1235 Message: 1244

Charles,
Welcome to the group. I've seen the TW7000 furnished with the following desk mics: Shure 444D and Shure 550TSB/II. I've also seen them furnished with the following hand mics: Shure 527B. You can get these at hamfests, eBay, surplus dealers, etc. Even the manufacturer Datron will be happy to sell you one. The connector is the Hirose SR30-10PM-6P(71) which can be ordered from Mouser or other electronics parts dealers.
Good luck with your project. Let us know how you make out.
AlexK2AJR

  From: "Charles Stephemson chs1943@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Sunday, March 1, 2015 9:01 PM
Subject: Re: [transworld_radio] TW7000 -

I have a new (TW7000 w/power supply, and 500w amp inside it own module never used). I need a mike to see if it will work.If anyone can let me know were I, can find the Mic or connectors.
chs1943@...

On Sunday, March 1, 2015 8:31 PM, "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

  Alex – I understand they are “Hirose” connectors as you did mention that in a previous post. However, I am overwhelmed by the selection of even those. So, yes, when you run across it I would appreciate the actual PN. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 5:31 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 -   Hi Mike, I sure can. These are easily sourced from Newark, Mouser, Allied Electric etc. I'm pretty sure the part numbers have been provided in earlier posts. If you need it, let me know and I will dig it out. AlexK2AJR

  From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, March 1, 2015 1:46 PM
Subject: [transworld_radio] TW7000 -   Well, one can never have just one of a good thing, so, I bought 2 more TW7000s. Can someone (Alex) tell me where I can buy the microphone connectors for these? I have been using my other 7000 a lot and I really do like it. 73 - Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1245. RE: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 11:50:45 UTC
From: Mike Feher
Topic: 1235 Message: 1245

Thanks Alex. My 70 year old eyes will definitely need assistance, HI. Should get the other two today according to UPS. Will report as to options and how they play. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: Alex J Rokowetz [mailto:belarok@yahoo.com]
Sent: Monday, March 02, 2015 6:05 AM
To: transworld_radio@yahoogroups.com
Cc: Mike Feher
Subject: Re: [transworld_radio] TW7000 -

Gents,

My records show that I bought my connectors from Mouser.

http://www.mouser.com/Search/ProductDetail.aspx?R=SR30-10PM-6P(71)virtualkey64550000virtualkey798-SR3010PM6P71

Mouser Part #:

798-SR3010PM6P71

Manufacturer Part #:

SR30-10PM-6P(71)

Manufacturer:

Hirose Connector <http://www.mouser.com/hiroseconnector/>

Description:

Standard Circular Connector 6P M STRT SOLDR PLUG CABLE CON SCREW LOCK

These come complete. No additional backshells or clamps are required but you might need a magnifying glass while you solder. These connectors are TINY!

Alex

K2AJR

1246. Re: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 12:41:39 UTC
From: Alex J Rokowetz
Topic: 1235 Message: 1246

Mike,
I should have mentioned that for the remote control, I just use a standard DB-9 cable. At home, I use a 25 foot cable to go from the the radio that is mounted in a rack to my desk or workbench.

Datron offers remotes with various protocols. Depends on the protocol your remote uses you can go crazy distances between the two... we used one at work where the radio was 99 miles away from the radio connected with a private line between Manhattan (remote) and Monticelllo, NY (radio).

AlexK2AJR
From: Mike Feher <n4fs@...>
To: 'Alex J Rokowetz' <belarok@yahoo.com>; transworld_radio@yahoogroups.com
Sent: Monday, March 2, 2015 6:50 AM
Subject: RE: [transworld_radio] TW7000 -

#yiv0067586399 #yiv0067586399 -- _filtered #yiv0067586399 {font-family:Helvetica;panose-1:2 11 6 4 2 2 2 2 2 4;} _filtered #yiv0067586399 {font-family:Wingdings;panose-1:5 0 0 0 0 0 0 0 0 0;} _filtered #yiv0067586399 {panose-1:2 4 5 3 5 4 6 3 2 4;} _filtered #yiv0067586399 {font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv0067586399 {font-family:Tahoma;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv0067586399 {font-family:Verdana;panose-1:2 11 6 4 3 5 4 4 2 4;} _filtered #yiv0067586399 {font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv0067586399 #yiv0067586399 p.yiv0067586399MsoNormal, #yiv0067586399 li.yiv0067586399MsoNormal, #yiv0067586399 div.yiv0067586399MsoNormal {margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv0067586399 a:link, #yiv0067586399 span.yiv0067586399MsoHyperlink {color:blue;text-decoration:underline;}#yiv0067586399 a:visited, #yiv0067586399 span.yiv0067586399MsoHyperlinkFollowed {color:purple;text-decoration:underline;}#yiv0067586399 p {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0067586399 code {}#yiv0067586399 pre {margin:0in;margin-bottom:.0001pt;font-size:10.0pt;}#yiv0067586399 tt {}#yiv0067586399 p.yiv0067586399MsoAcetate, #yiv0067586399 li.yiv0067586399MsoAcetate, #yiv0067586399 div.yiv0067586399MsoAcetate {margin:0in;margin-bottom:.0001pt;font-size:8.0pt;}#yiv0067586399 span.yiv0067586399HTMLPreformattedChar {font-family:Consolas;}#yiv0067586399 p.yiv0067586399attach, #yiv0067586399 li.yiv0067586399attach, #yiv0067586399 div.yiv0067586399attach {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0067586399 p.yiv0067586399bold, #yiv0067586399 li.yiv0067586399bold, #yiv0067586399 div.yiv0067586399bold {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0067586399 p.yiv0067586399green, #yiv0067586399 li.yiv0067586399green, #yiv0067586399 div.yiv0067586399green {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0067586399 p.yiv0067586399msonormal, #yiv0067586399 li.yiv0067586399msonormal, #yiv0067586399 div.yiv0067586399msonormal {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0067586399 p.yiv0067586399replbq, #yiv0067586399 li.yiv0067586399replbq, #yiv0067586399 div.yiv0067586399replbq {margin-right:0in;margin-left:0in;font-size:12.0pt;}#yiv0067586399 p.yiv0067586399ad,

#yiv0067586399 li.yiv0067586399ad, #yiv0067586399 div.yiv0067586399ad
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div.yiv0067586399underline
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li.yiv0067586399ad1, #yiv0067586399 div.yiv0067586399ad1
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#yiv0067586399 li.yiv0067586399ad2, #yiv0067586399 div.yiv0067586399ad2
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div.yiv0067586399underline1 {margin-right:0in;margin-left:0in;font-size:12.0pt;text-decora
tion:underline;}#yiv0067586399 p.yiv0067586399attach1, #yiv0067586399
li.yiv0067586399attach1, #yiv0067586399 div.yiv0067586399attach1
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#yiv0067586399 li.yiv0067586399bold1, #yiv0067586399 div.yiv0067586399bold1
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span.yiv0067586399yshortcuts1 {font-weight:bold;}#yiv0067586399
span.yiv0067586399yshortcuts2 {font-weight:normal;}#yiv0067586399 p.yiv0067586399green1,
#yiv0067586399 li.yiv0067586399green1, #yiv0067586399 div.yiv0067586399green1
{margin-right:0in;margin-left:0in;font-size:12.0pt;color:#628C2A;}#yiv0067586399
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div.yiv0067586399msonormal1
{margin:0in;margin-bottom:.0001pt;font-size:12.0pt;}#yiv0067586399 p.yiv0067586399replbq1,
#yiv0067586399 li.yiv0067586399replbq1, #yiv0067586399 div.yiv0067586399replbq1
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{}#yiv0067586399 span.yiv0067586399EmailStyle42 {color:#1F497D;}#yiv0067586399
.yiv0067586399MsoChpDefault {font-size:10.0pt;} _filtered #yiv0067586399 {margin:1.0in
1.0in 1.0in 1.0in;}#yiv0067586399 div.yiv0067586399WordSection1 {}#yiv0067586399 _filtered
#yiv0067586399 {} _filtered #yiv0067586399 {font-family:Symbol;} _filtered #yiv0067586399
{} _filtered #yiv0067586399 {font-family:Wingdings;} _filtered #yiv0067586399
{font-family:Wingdings;} _filtered #yiv0067586399 {font-family:Wingdings;} _filtered
#yiv0067586399 {font-family:Wingdings;} _filtered #yiv0067586399 {font-family:Wingdings;}
_filtered #yiv0067586399 {font-family:Wingdings;} _filtered #yiv0067586399
{font-family:Wingdings;}#yiv0067586399 ol {margin-bottom:0in;}#yiv0067586399 ul
{margin-bottom:0in;}#yiv0067586399 Thanks Alex. My 70 year old eyes will definitely need assistance, HI. Should get the other two today according to UPS. Will report as to options and how they play. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

From: Alex J Rokowetz [mailto:belarok@...]
Sent: Monday, March 02, 2015 6:05 AM
To: transworld_radio@yahoogroups.com
Cc: Mike Feher
Subject: Re: [transworld_radio] TW7000 - Gents, My records show that I bought my connectors from Mouser. http://www.mouser.com/Search/ProductDetail.aspx?R=SR30-10PM-6P(71)virtualkey64550000virtualkey798-SR3010PM6P71
Mouser Part #:	798-SR3010PM6P71
Manufacturer Part #:	SR30-10PM-6P(71)
Manufacturer:	Hirose Connector
Description:	Standard Circular Connector 6P M STRT SOLDR PLUG CABLE CON SCREW LOCK

These come complete. No additional backshells or clamps are required but you might need a magnifying glass while you solder. These connectors are TINY! AlexK2AJR

1247. RE: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 12:57:08 UTC
From: Mike Feher
Topic: 1235 Message: 1247

Alex –

Not a bad idea. I may install a remote here in my office and keep a radio in the ham shack (I work out of my house). Thanks for the suggestion. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, March 02, 2015 7:42 AM
To: Mike Feher; transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 -

Mike,

I should have mentioned that for the remote control, I just use a standard DB-9 cable. At home, I use a 25 foot cable to go from the the radio that is mounted in a rack to my desk or workbench.

Datron offers remotes with various protocols. Depends on the protocol your remote uses you can go crazy distances between the two... we used one at work where the radio was 99 miles away from the radio connected with a private line between Manhattan (remote) and Monticelllo, NY (radio).

Alex

K2AJR

From: Mike Feher <n4fs@...>
To: 'Alex J Rokowetz' <belarok@...>; transworld_radio@yahoogroups.com
Sent: Monday, March 2, 2015 6:50 AM
Subject: RE: [transworld_radio] TW7000 -

Thanks Alex. My 70 year old eyes will definitely need assistance, HI. Should get the other two today according to UPS. Will report as to options and how they play. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: Alex J Rokowetz [mailto:belarok@...]
Sent: Monday, March 02, 2015 6:05 AM
To: transworld_radio@yahoogroups.com
Cc: Mike Feher
Subject: Re: [transworld_radio] TW7000 -

Gents,

My records show that I bought my connectors from Mouser.

http://www.mouser.com/Search/ProductDetail.aspx?R=SR30-10PM-6P(71)virtualkey64550000virtualkey798-SR3010PM6P71

Mouser Part #:

798-SR3010PM6P71

Manufacturer Part #:

SR30-10PM-6P(71)

Manufacturer:

Hirose Connector <http://www.mouser.com/hiroseconnector/>

Description:

Standard Circular Connector 6P M STRT SOLDR PLUG CABLE CON SCREW LOCK

These come complete. No additional backshells or clamps are required but you might need a magnifying glass while you solder. These connectors are TINY!

Alex

K2AJR

1248. Re: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-02 20:31:38 UTC
From: Brooke Clarke
Topic: 1235 Message: 1248

Hi Mike:

Would you let me know if that part number is just the connector body or does it include a cable clamp?
http://www.prc68.com/I/TW7000F.html#Connectors

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'Mike Feher' n4fs@... [transworld_radio] wrote:
>
>
> Thanks Alex. My 70 year old eyes will definitely need assistance, HI. Should get the other two today according to UPS.
> Will report as to options and how they play. 73 – Mike
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>
> 732-886-5960
>
> *From:*Alex J Rokowetz [mailto:belarok@...]
> *Sent:* Monday, March 02, 2015 6:05 AM
> *To:* transworld_radio@yahoogroups.com
> *Cc:* Mike Feher
> *Subject:* Re: [transworld_radio] TW7000 -
>
> Gents,
>
> My records show that I bought my connectors from Mouser.
>
> http://www.mouser.com/Search/ProductDetail.aspx?R=SR30-10PM-6P(71)virtualkey64550000virtualkey798-SR3010PM6P71
> <http://www.mouser.com/Search/ProductDetail.aspx?R=SR30-10PM-6P%2871%29virtualkey64550000virtualkey798-SR3010PM6P71>
>
> *Mouser Part #:*
>
>

>
> 798-SR3010PM6P71
>
> *Manufacturer Part #:*
>
>
>
> *SR30-10PM-6P(71)*
>
> *Manufacturer:*
>
>
>
> *Hirose Connector <http://www.mouser.com/hiroseconnector/> *
>
> *Description:*
>
>
>
> Standard Circular Connector 6P M STRT SOLDR PLUG CABLE CON SCREW LOCK
>
> These come complete. No additional backshells or clamps are required but you might need a magnifying glass while you
> solder. These connectors are TINY!
>
> Alex
>
> K2AJR
>
>
>
>

1249. RE: [transworld_radio] TW7000 -

Yahoo group: transworld_radio
Date: 2015-03-03 01:08:53 UTC
From: Mike Feher
Topic: 1235 Message: 1249

Brooke –

According to Alex, and the Mouser data sheet, it is the whole thing. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@...m [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, March 02, 2015 3:32 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 -

Hi Mike:

Would you let me know if that part number is just the connector body or does it include a cable clamp?
http://www.prc68.com/I/TW7000F.html#Connectors

1250. RE: [transworld_radio] TW7000 - 2 TW7000s with Remote

Yahoo group: transworld_radio
Date: 2015-03-03 16:35:59 UTC
From: Mike Feher
Topic: 1235 Message: 1250

Alex and group –

I received my two other 7000s today along with the remote. Before I started to negotiate with the fellow I asked him for photos of the insides so I could tell what options are installed, as he initially only showed the radios and the remote. I never did see the other pictures till today, HI. I was wondering how Alex knew what it may have inside when I did not and it was not in the description. Regardless, it seems I am so far pretty fortunate, although I have yet to power either one up. Both have the high stability reference, the NB, the ALE, and the FSK/ISDN modules in them. They appear very clean inside and out, and, maybe tonight I will power them up. Thanks & 73 – Mike .

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 4:48 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 - 2 TW7000s with Remote

Mike,

By the way, if you were the person who picked up the two TW7000 radios that came with a TW7201 remote on eBay you will have lots of fun with the remote. It'd very easy to operate an only requires two circuits to operate. Have fun with it. If I remember correctly, one or both of those units came with a noise blanker (Very desirable in my mind) and I think they also had ALE cards. After you dig into them, please let us know what you actually got.

Alex

K2AJR

--

1251. Re: [transworld_radio] TW7000 - 2 TW7000s with Remote

Yahoo group: transworld_radio
Date: 2015-03-03 17:01:19 UTC
From: Alex J Rokowetz
Topic: 1235 Message: 1251

Mike,
Maybe the seller updated the listing after you looked at it but there are exactly one dozen photos posted which show the innards of both radios.
I think you made a good snag. Those cards in my opinion are highly desirable. Congrats.
Alex

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, March 3, 2015 11:35 AM
Subject: RE: [transworld_radio] TW7000 - 2 TW7000s with Remote

Alex and group – I received my two other 7000s today along with the remote. Before I started to negotiate with the fellow I asked him for photos of the insides so I could tell what options are installed, as he initially only showed the radios and the remote. I never did see the other pictures till today, HI. I was wondering how Alex knew what it may have inside when I did not and it was not in the description. Regardless, it seems I am so far pretty fortunate, although I have yet to power either one up. Both have the high stability reference, the NB, the ALE, and the FSK/ISDN modules in them. They appear very clean inside and out, and, maybe tonight I will power them up. Thanks & 73 – Mike . Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 4:48 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000 - 2 TW7000s with Remote Mike, By the way, if you were the person who picked up the two TW7000 radios that came with a TW7201 remote on eBay you will have lots of fun with the remote. It'd very easy to operate an only requires two circuits to operate. Have fun with it. If I remember correctly, one or both of those units came with a noise blanker (Very desirable in my mind) and I think they also had ALE cards. After you dig into them, please let us know what you actually got. AlexK2AJR __

1252. Notched Metal "L" bar ?941536B

Yahoo group: transworld_radio
Date: 2015-03-03 20:57:40 UTC
From: Brooke Clarke
Topic: 1235 Message: 1252

Hi:
I've got my TW7000FA working and now starting to put it back together, but there's a metal bar about a foot long with an
"L" cross section with notches along the length of the bottom of the "L". Where does it go?

http://www.prc68.com/I/Images/TW941536Bb.jpg
Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1253. Re: [transworld_radio] Notched Metal "L" bar ?941536B

Yahoo group: transworld_radio
Date: 2015-03-03 21:00:45 UTC
From: Brian Gieryk
Topic: 1235 Message: 1253

I don't own one, but it looks like a card retainer or hold down bar.

Brian
KE6IYC

On Mar 3, 2015, at 1:57 PM, Brooke Clarke brooke@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

>
> Hi:
> I've got my TW7000FA working and now starting to put it back together, but there's a metal bar about a foot long with an "L" cross section with notches along the length of the bottom of the "L". Where does it go?
>
> http://www.prc68.com/I/Images/TW941536Bb.jpg
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
>
>
>

1254. Re: [transworld_radio] Notched Metal "L" bar ?941536B

Yahoo group: transworld_radio
Date: 2015-03-03 21:07:19 UTC
From: Alex J Rokowetz
Topic: 1235 Message: 1254

It lies crosswise across the top (L shape down, flat side up) to hold the cards snuggly in place. I remember it being affixed with two or three flathead screws.

AlexK2AJR

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, March 3, 2015 3:57 PM
Subject: [transworld_radio] Notched Metal "L" bar ?941536B

Hi:
I've got my TW7000FA working and now starting to put it back together, but there's a metal bar about a foot long with an "L" cross section with notches along the length of the bottom of the "L". Where does it go?

http://www.prc68.com/I/Images/TW941536Bb.jpg Mail_Attachment

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1255. Re: [transworld_radio] Notched Metal "L" bar ?941536B

Yahoo group: transworld_radio
Date: 2015-03-04 05:39:29 UTC
From: Ion Gheorghiescu
Topic: 1235 Message: 1255
Attachments: 1 described; binary payloads are missing from this source WARC

Metal bar

On Tuesday, March 3, 2015 11:07 PM, "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

1256. Re: [transworld_radio] Notched Metal "L" bar ?941536B

Yahoo group: transworld_radio
Date: 2015-03-04 20:52:33 UTC
From: Brooke Clarke
Topic: 1235 Message: 1256

Hi:

I figured it out. There's no provision for any screws, it's just trapped between the cards, metal dividers and the lid.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
Ion Gheorghiescu yo4giy@... [transworld_radio] wrote:
>
>
> Metal bar
>
>
> On Tuesday, March 3, 2015 11:07 PM, "Alex J Rokowetz belarok@... [transworld_radio]"
> <transworld_radio@yahoogroups.com> wrote:
>
>
>
>
> It lies crosswise across the top (L shape down, flat side up) to hold the cards snuggly in place. I remember it being
> affixed with two or three flathead screws.
>
> Alex
> K2AJR
>
> ----------
> *From:* "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Tuesday, March 3, 2015 3:57 PM
> *Subject:* [transworld_radio] Notched Metal "L" bar ?941536B
>
> Hi:
> I've got my TW7000FA working and now starting to put it back together, but there's a metal bar about a foot long with
> an "L" cross section with notches along the length of the bottom of the "L". Where does it go?
>
> http://www.prc68.com/I/Images/TW941536Bb.jpg
> Mail_Attachment

>
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
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>

1257. TW7000FA Suitcase Latches

Yahoo group: transworld_radio
Date: 2015-03-04 20:54:57 UTC
From: Brooke Clarke
Topic: 1257 Message: 1257

Hi:

Now's the time to replace the latches that have fallen apart. Once the radio is installed in the suitcase there's no
access to the back of the latches.
My guess is that the latches were not rated for the weight of the radio.
Does anyone know of a replacement?
http://www.prc68.com/I/TW7000F.html#Lataches

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1258. Re: [transworld_radio] TW7000FA Suitcase Latches

Yahoo group: transworld_radio
Date: 2015-03-04 21:15:29 UTC
From: Alex J Rokowetz
Topic: 1257 Message: 1258

```
Replacement Luggage Zero-Halliburton Lock/Latch 1 Pair
|   |
|   | |   |   |   |   |   |
| Replacement Luggage Zero-Halliburton Lock/Latch 1 Pairin Travel, Luggage |
| |
| View on www.ebay.com | Preview by Yahoo |
| |
|   |
```

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, March 4, 2015 3:54 PM
Subject: [transworld_radio] TW7000FA Suitcase Latches

Hi:

Now's the time to replace the latches that have fallen apart. Once the radio is installed in the suitcase there's no access to the back of the latches.
My guess is that the latches were not rated for the weight of the radio.
Does anyone know of a replacement?
http://www.prc68.com/I/TW7000F.html#Lataches

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

1259. Re: [transworld_radio] TW7000FA Suitcase Latches

Yahoo group: transworld_radio
Date: 2015-03-05 00:04:13 UTC
From: Brooke Clarke
Topic: 1257 Message: 1259

Hi Alex:

Thanks very much. I've got a pair on order.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
Alex J Rokowetz belarok@... [transworld_radio] wrote:
>
>
> Replacement Luggage Zero-Halliburton Lock/Latch 1 Pair
> <http://www.ebay.com/itm/like/261581758699?item=261581758699&vectorid=229466&rmvSB=true>
>
> image
<http://www.ebay.com/itm/like/261581758699?item=261581758699&vectorid=229466&rmvSB=true>
>
>
>
>
>
> Replacement Luggage Zero-Halliburton Lock/Latch 1 Pair
> <http://www.ebay.com/itm/like/261581758699?item=261581758699&vectorid=229466&rmv%21%0A%2
0SB=true>
> in Travel, Luggage
>
> View on www.ebay.com
<http://www.ebay.com/itm/like/261581758699?item=261581758699&vectorid=229466&rmvSB=true>
>
> Preview by Yahoo
>
>
> ----------

> *From:* "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Wednesday, March 4, 2015 3:54 PM
> *Subject:* [transworld_radio] TW7000FA Suitcase Latches
>
> Hi:
>
> Now's the time to replace the latches that have fallen apart. Once the radio is installed
in the suitcase there's no

> access to the back of the latches.
> My guess is that the latches were not rated for the weight of the radio.
> Does anyone know of a replacement?
> http://www.prc68.com/I/TW7000F.html#Lataches
>
> Mail_Attachment
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com <http://www.prc68.com/>
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
>
>
>
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>

1260. Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 17:52:44 UTC
From: dogbertdc@...
Topic: 1260 Message: 1260

Greetings.

I recently acquired a TW100F and joined the group here.

This radio was/is bowing the 5A 12vdc fuse. In poking into it I found a shorted cap on the M5 module.
I have seen problems in the past with other devices with the small tantalum caps.

Cool! I can fix this ... so I replaced the cap and tried the radio.... fuse fried again and I have a short on the 12 v again.

What the heck? Checking I found the M8 power board has a shorted pass transistor. Looking over the docs I don't see any sign of a "crowbar" circuit to protect stuff down stream. Now I am worried that 19-20 vdc on that 12V line may have caused havoc through out the radio.

I am going to replace the TIP36 pass transistor and figure out what shorted ... <sigh>.

Comments? Suggestions?

Dave WB4HYP

1261. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 18:18:27 UTC
From: Dennis
Topic: 1260 Message: 1261

Next time before you blow another fuse, take an ohm meter & check for low resistance on the 12v line.

If the pass transistor was shorted to ground, it's doubtful that you had unregulated high DC voltage down stream.
In any case, the TW100 family radios are VERY tough and eminently repairable. Of primary concern with the Flyaway is the AC power transformer. It current rating was boarder line to start with and if blown is very difficult to replace. Once you've fixed the radio, turn the ALC back so it will do no more than 100 watts out. This will save wear & tear on the transformer, be easier on batteries, and nobody will notice the difference on the other end(125 or 100 watts). Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "dogbertdc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, May 3, 2015 12:52 PM
Subject: [transworld_radio] Greetings and Comments TW100F

<!--#yiv5953803915 #yiv5953803915 .yiv5953803915ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5953803915 div.yiv5953803915ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5953803915 div.yiv5953803915photo-title a, #yiv5953803915 div.yiv5953803915photo-title a:active, #yiv5953803915 div.yiv5953803915photo-title a:hover, #yiv5953803915 div.yiv5953803915photo-title a:visited {text-decoration:none;}#yiv5953803915 div.yiv5953803915attach-table div.yiv5953803915attach-row {clear:both;}#yiv5953803915 div.yiv5953803915attach-table div.yiv5953803915attach-row div {float:left;}#yiv5953803915 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5953803915 div.yiv5953803915ygrp-file {width:30px;}#yiv5953803915 div.yiv5953803915attach-table div.yiv5953803915attach-row div div a {text-decoration:none;}#yiv5953803915 div.yiv5953803915attach-table div.yiv5953803915attach-row div div span {font-weight:normal;}#yiv5953803915 div.yiv5953803915ygrp-file-title {font-weight:bold;}#yiv5953803915 --> <!--#yiv5953803915 #yiv5953803915ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv5953803915 #yiv5953803915ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv5953803915 #yiv5953803915ygrp-mkp #yiv5953803915hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv5953803915 #yiv5953803915ygrp-mkp #yiv5953803915ads {margin-bottom:10px;}#yiv5953803915 #yiv5953803915ygrp-mkp .yiv5953803915ad {padding:0 0;}#yiv5953803915 #yiv5953803915ygrp-mkp .yiv5953803915ad p {margin:0;}#yiv5953803915 #yiv5953803915ygrp-mkp .yiv5953803915ad a {color:#0000ff;text-decoration:none;}-->

Greetings.
I recently acquired a TW100F and joined the group here.

This radio was/is bowing the 5A 12vdc fuse. In poking into it I found a shorted cap on the M5 module.I have seen problems in the past with other devices with the small tantalum caps.

Cool! I can fix this ... so I replaced the cap and tried the radio.... fuse fried again and I have a short on the 12 v again.
What the heck? Checking I found the M8 power board has a shorted pass transistor. Looking over the docs I don't see any sign of a "crowbar" circuit to protect stuff down stream. Now I am worried that 19-20 vdc on that 12V line may have caused havoc through out the radio.
I am going to replace the TIP36 pass transistor and figure out what shorted ... <sigh>.
Comments? Suggestions?
Dave WB4HYP

1262. Display characteristics of a Transworld 100

Yahoo group: transworld_radio
Date: 2015-05-03 18:59:15 UTC
From: tenn404mogger@...
Topic: 1262 Message: 1262

My Transworld 100 (non-transportable) works fine most of the time but has a curious tuning trait: as I manually scan a band the display is so blinky I can't read the frequency without stopping the scan. Is that normal? Sometimes the 10kc digit displays correctly, stepping as I pass the 10 kc points as expected. That leads me to believe the other digits should read correctly too. What does your TW-100 do?

Also, occasionally on 14 MHz band the radio does not seem to lock onto frequency. A signal will be jittery until I change the frequency several times, then it locks solidly and works from then on, until it is turned off for a while.then it goes jittery again.

Any comments or comparisons to yours?

Bob WB4ETT

1263. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 19:05:13 UTC
From: Brooke Clarke
Topic: 1260 Message: 1263

Hi:

Another problem is that the AC supply is powered whenever the radio is plugged in. That's to say the On-Off function
only works on the "12 Volt" output of the AC supply. So it may be a good idea to always unplug the radio when not in use.
http://www.prc68.com/I/TW7000F.html

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
Dennis spike.dennis@... [transworld_radio] wrote:
>
>
> Next time before you blow another fuse, take an ohm meter & check for low resistance on the 12v line.
>
> If the pass transistor was shorted to ground, it's doubtful that you had unregulated high DC voltage down stream.
>
> In any case, the TW100 family radios are VERY tough and eminently repairable. Of primary concern with the Flyaway is
> the AC power transformer. It current rating was boarder line to start with and if blown is very difficult to replace.
> Once you've fixed the radio, turn the ALC back so it will do no more than 100 watts out. This will save wear & tear on
> the transformer, be easier on batteries, and nobody will notice the difference on the other end(125 or 100 watts).
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---
> *From:* "dogbertdc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Sunday, May 3, 2015 12:52 PM
> *Subject:* [transworld_radio] Greetings and Comments TW100F
>

>
>
> Greetings.
> I recently acquired a TW100F and joined the group here.
>
> This radio was/is bowing the 5A 12vdc fuse. In poking into it I found a shorted cap on the M5 module.
> I have seen problems in the past with other devices with the small tantalum caps.
>
> Cool! I can fix this ... so I replaced the cap and tried the radio.... fuse fried again and I have a short on the 12 v
> again.
>
> What the heck? Checking I found the M8 power board has a shorted pass transistor. Looking over the docs I don't see
> any sign of a "crowbar" circuit to protect stuff down stream. Now I am worried that 19-20 vdc on that 12V line may
> have caused havoc through out the radio.
>
> I am going to replace the TIP36 pass transistor and figure out what shorted ... <sigh>.
>
> Comments? Suggestions?
>
> Dave WB4HYP
>
>
>
>
>
>
>

1264. Re: [transworld_radio] Display characteristics of a Transworld 100

Yahoo group: transworld_radio
Date: 2015-05-03 19:27:20 UTC
From: Dennis
Topic: 1262 Message: 1264

For some reason early radios do that. They will also often have an annoying chirp. No idea why.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "tenn404mogger@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, May 3, 2015 1:59 PM
Subject: [transworld_radio] Display characteristics of a Transworld 100

<!--#yiv0498893597 #yiv0498893597 .yiv0498893597ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0498893597 div.yiv0498893597ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0498893597 div.yiv0498893597photo-title a, #yiv0498893597 div.yiv0498893597photo-title a:active, #yiv0498893597 div.yiv0498893597photo-title a:hover, #yiv0498893597 div.yiv0498893597photo-title a:visited {text-decoration:none;}#yiv0498893597 div.yiv0498893597attach-table div.yiv0498893597attach-row {clear:both;}#yiv0498893597 div.yiv0498893597attach-table div.yiv0498893597attach-row div {float:left;}#yiv0498893597 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0498893597 div.yiv0498893597ygrp-file {width:30px;}#yiv0498893597 div.yiv0498893597attach-table div.yiv0498893597attach-row div div a {text-decoration:none;}#yiv0498893597 div.yiv0498893597attach-table div.yiv0498893597attach-row div div span {font-weight:normal;}#yiv0498893597 div.yiv0498893597ygrp-file-title {font-weight:bold;}#yiv0498893597 --> <!--#yiv0498893597 #yiv0498893597ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0498893597 #yiv0498893597ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0498893597 #yiv0498893597ygrp-mkp #yiv0498893597hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv0498893597 #yiv0498893597ygrp-mkp #yiv0498893597ads {margin-bottom:10px;}#yiv0498893597 #yiv0498893597ygrp-mkp .yiv0498893597ad {padding:0 0;}#yiv0498893597 #yiv0498893597ygrp-mkp .yiv0498893597ad p {margin:0;}#yiv0498893597 #yiv0498893597ygrp-mkp .yiv0498893597ad a {color:#0000ff;text-decoration:none;}-->

My Transworld 100 (non-transportable) works fine most of the time but has a curious tuning trait: as I manually scan a band the display is so blinky I can't read the frequency without stopping the scan. Is that normal? Sometimes the 10kc digit displays correctly, stepping as I pass the 10 kc points as expected. That leads me to believe the other digits should read correctly too. What does your TW-100 do?
Also, occasionally on 14 MHz band the radio does not seem to lock onto frequency. A signal will be jittery until I change the frequency several times, then it locks solidly and works from then on, until it is turned off for a while.then it goes jittery again.
Any comments or comparisons to yours?

Bob WB4ETT

1265. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 19:30:29 UTC
From: dogbertdc@...
Topic: 1260 Message: 1265

Thanks Dennis, but the pass transistor was shorted emitter to collector (a common failure for pass transistors in linear power suppies of this ventage and thats why they incuded crowbar circuits in 'em) so I am convinced that the un-reguated voltage on the 12 v dc line was to blame for the shorted cap. Which I found by the way by ohming the 12v reguated line to ground and isoating to the synth module.

I will take to heart your comments on the transformer. Is there a source for DC power cords or even just the connector? If not, I guess I'll come up with a power pole type connector mod.

Now to track down a TIP36 pass transistor replacment...

Dave WB4HYP

1266. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 19:31:21 UTC
From: Dennis
Topic: 1260 Message: 1266

Hmmm, my AC supply is switched on/off.
Another good idea while you have the Flyaway opened up is to switch the front panel meter leads so that it will read SWR when in the tune position. This greatly simplifies tuning. You can either just switch the leads, or do the conversion detailed by N3OC as found in our files section. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, May 3, 2015 2:05 PM
Subject: Re: [transworld_radio] Greetings and Comments TW100F

#yiv2623435667 #yiv2623435667 -- #yiv2623435667 .yiv2623435667ygrp-photo-title{clear:both; font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv2623435667 div.yiv2623435667ygrp-photo{background-position:center;background-repeat:no-repeat;backgro und-color:white;border:1px solid black;height:62px;width:62px;}#yiv2623435667 div.yiv2623435667photo-title a, #yiv2623435667 div.yiv2623435667photo-title a:active, #yiv2623435667 div.yiv2623435667photo-title a:hover, #yiv2623435667 div.yiv2623435667photo-title a:visited {text-decoration:none;}#yiv2623435667 div.yiv2623435667attach-table div.yiv2623435667attach-row {clear:both;}#yiv2623435667 div.yiv2623435667attach-table div.yiv2623435667attach-row div {float:left;}#yiv2623435667 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv2623435667 div.yiv2623435667ygrp-file {width:30px;}#yiv2623435667 div.yiv2623435667attach-table div.yiv2623435667attach-row div div a {text-decoration:none;}#yiv2623435667 div.yiv2623435667attach-table div.yiv2623435667attach-row div div span {font-weight:normal;}#yiv2623435667 div.yiv2623435667ygrp-file-title {font-weight:bold;}#yiv2623435667 #yiv2623435667

Hi:

Another problem is that the AC supply is powered whenever the radio is plugged in. That's to say the On-Off function only works on the "12 Volt" output of the AC supply. So it may be a good idea to always unplug the radio when not in use.
http://www.prc68.com/I/TW7000F.html

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html Dennis spike.dennis@... [transworld_radio] wrote:

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If the pass transistor was shorted to ground, it's doubtful that you had unregulated high DC voltage down stream.
In any case, the TW100 family radios are VERY tough and eminently repairable. Of primary concern with the Flyaway is the AC power transformer. It current rating was boarder line to start with and if blown is very difficult to replace. Once you've fixed the radio, turn the ALC back so it will do no more than 100 watts out. This will save wear & tear on the transformer, be easier on batteries, and nobody will notice the difference on the other end(125 or 100 watts). Dennis Starks
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3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "dogbertdc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, May 3, 2015 12:52 PM
Subject: [transworld_radio] Greetings and Comments TW100F

#yiv2623435667 #yiv2623435667 -- .yiv2623435667ygrp-photo-title{clear:both;font-size:small
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Greetings.
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This radio was/is bowing the 5A 12vdc fuse. In poking into it I found a shorted cap on the M5 module. I have seen problems in the past with other devices with the small tantalum caps.

Cool! I can fix this ... so I replaced the cap and tried the radio.... fuse fried again and I have a short on the 12 v again.
What the heck? Checking I found the M8 power board has a shorted pass transistor. Looking over the docs I don't see any sign of a "crowbar" circuit to protect stuff down stream. Now I am worried that 19-20 vdc on that 12V line may have caused havoc through out the radio.
I am going to replace the TIP36 pass transistor and figure out what shorted ... <sigh>.
Comments? Suggestions?
Dave WB4HYP

1267. Re: [transworld_radio] Display characteristics of a Transworld 100

Yahoo group: transworld_radio
Date: 2015-05-03 19:38:20 UTC
From: Alex J Rokowetz
Topic: 1262 Message: 1267

I have not used my 100 radios is a while, but I am sure the display on my radios were also "blinky". My radios all have tuning knobs on the front panel instead of toggle switches. None of my radios have a problem locking onto a freq on any bands.
AlexK2AJR
  From: "tenn404mogger@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, May 3, 2015 2:59 PM
Subject: [transworld_radio] Display characteristics of a Transworld 100

  My Transworld 100 (non-transportable) works fine most of the time but has a curious tuning trait: as I manually scan a band the display is so blinky I can't read the frequency without stopping the scan. Is that normal? Sometimes the 10kc digit displays correctly, stepping as I pass the 10 kc points as expected. That leads me to believe the other digits should read correctly too. What does your TW-100 do?
Also, occasionally on 14 MHz band the radio does not seem to lock onto frequency. A signal will be jittery until I change the frequency several times, then it locks solidly and works from then on, until it is turned off for a while.then it goes jittery again.
Any comments or comparisons to yours?
Bob WB4ETT

1268. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 19:39:01 UTC
From: Dennis
Topic: 1260 Message: 1268

The DC power connector on the Flyaway, though it has a standard part number, does not exist in the real world.
I got two from Bill Perry last year & picked them up at Dayton. He makes them up from his vast inventory at a cost of about $20ea.

I'm sure Bill will be at Dayton, if your going, give him some warning and he'll bring them along.
You'll find the actual part number by searching our messages archives. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1269. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 19:56:37 UTC
From: Alex J Rokowetz
Topic: 1260 Message: 1269

If one needs a connector in a hurry and can't wait until the next time Perry is around, the TW100F DC power connector is available from PEI-Genisis:
http://www.peigenesis.com/en/shop/part-information/CA3106E12SA10P/CAN/EACH/133739.html
Perry is a much more cost effective solution plus he is interesting to chat with.
AlexK2AJR
  From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Sunday, May 3, 2015 3:39 PM
Subject: Re: [transworld_radio] Greetings and Comments TW100F

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HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1270. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-03 20:07:58 UTC
From: dogbertdc@...
Topic: 1260 Message: 1270

SWR meter change sounds like a good suggestion.

The power switch is DPDT and one half DC and the other side is the 115VAC,

Dave WB4HYP

1271. Going to Dayton?

Yahoo group: transworld_radio
Date: 2015-05-05 14:16:45 UTC
From: Dennis
Topic: 1271 Message: 1271
Attachments: 3 described; binary payloads are missing from this source WARC

Keep an eye out for the attached flags, spaces 3217-3219. That'll be us under the 10x30 tan canopy.
Intercom freqs: 3.885mc AM
51.0mc FM 150cps tone(if possible).144.30mc FM
The below frequencies will also be monitored and in use while in transit/mobile to the event.
The attached maps have not been updated in awhile but are still pretty accurate. They will print to a standard 8x11 paper. Net times, and frequencies are listed on the map.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1272. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-08 02:05:06 UTC
From: dogbertdc@...
Topic: 1260 Message: 1272

Progress....

I replaced the pass transistor and the 12 VDC regulator is now working.

the receiver works ...YEAH !

But now when the transmit is keyed it blows the 12 regulator fuse .... High power low power or tune ... no dif.
I rang the +T lines coming off the switch/filter board and none are direct shorts to ground.

Suggestions?

Dave WB4HYP

1273. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-08 02:30:21 UTC
From: Radio Station KW1I
Topic: 1260 Message: 1273

Double check the regulator fuse, it should be 5A.

Dale
KW1I

From: mailto:transworld_radio@yahoogroups.com
Sent: Thursday, May 07, 2015 10:05 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Greetings and Comments TW100F

Progress....

I replaced the pass transistor and the 12 VDC regulator is now working.

the receiver works ...YEAH !

But now when the transmit is keyed it blows the 12 regulator fuse .... High power low power or tune ... no dif.
I rang the +T lines coming off the switch/filter board and none are direct shorts to ground.

Suggestions?

Dave WB4HYP

1274. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-08 17:45:34 UTC
From: l horochov
Topic: 1260 Message: 1274

Did you check the finals.....

1275. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-08 18:08:45 UTC
From: Dennis
Topic: 1260 Message: 1275

As with most solid state radios, do to current requirements(etc), DC power to the RF/PA transistors is not switched on/off between tx/rec condition.

In fact, many radios do not even bother to disconnect the RF/PA when the radio is turned off because their main power switching method can not pass the necessary current.

Even if the RF/PA transistors were bad, they would not account for instantaneously blowing the 12v fuse when the PTT is pressed.

Without studying the schematic, again, there are such things as the TX voltage regulator, RF/PA Bias regulator, and any number of TX only circuits that could contain those notoriously problematic tantalum caps.
Here's a trick I learned when working at a TV shop when in high school. Connect a 12vdc automotive type light bulb in place of the fuse. It will act as a current limiter and allow you to disconnect the modules one at a time until you find where the problem is. As long as the short condition exist when you press the PTT the light bulb will be at full brilliance. When you've found the short it will dim, or go out. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "l horochov lhorochov@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, May 8, 2015 12:45 PM
Subject: Re: [transworld_radio] Greetings and Comments TW100F

<!--#yiv0459958804 #yiv0459958804 .yiv0459958804ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0459958804 div.yiv045995
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Did you check the finals.....

1276. Re: [transworld_radio] Greetings and Comments TW100F

Yahoo group: transworld_radio
Date: 2015-05-10 14:11:45 UTC
From: dogbertdc@...
Topic: 1260 Message: 1276

Maybe there!

C76, a small tantalum cap on the TX line was shorted.

2 sucesssful contacts so far on17M.

Dave WB4HYP

1277. TW2000s - technical data

Yahoo group: transworld_radio
Date: 2015-05-11 06:31:43 UTC
From: cggturner@...
Topic: 1277 Message: 1277

I have recently acquired a TW2000s and am looking for schematics / service manual and programming info o I can put it on the ham bands. Can anyone help pls.

Chris - ZS6GM

1278. Re: [transworld_radio] TW2000s - technical data

Yahoo group: transworld_radio
Date: 2015-05-11 10:05:05 UTC
From: Alex J Rokowetz
Topic: 1277 Message: 1278

Chris,
Welcome to the group.
I don't have a 2000 manual but American Milspec has some for sale:
http://www.american-milspec.com/c-34-tw-2000-and-related-manuals.aspx
  Not sure if this is a service manual or operator manual. I think Dennis bought one last year, maybe he can let us know.
AlexK2AJR

From: "cggturner@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 2:31 AM
Subject: [transworld_radio] TW2000s - technical data

  I have recently acquired a TW2000s and am looking for schematics / service manual and programming info o I can put it on the ham bands. Can anyone help pls.

Chris - ZS6GM

1279. Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 21:04:17 UTC
From: belarok@...
Topic: 1037 Message: 1279

Dennis,

Here's a cut and paste from an email exchange I had today between a Datron technician and myself. This is what the Datron technician reported about the PRC-1088 antenna:

"The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft whips (AT-271A/U-BB) and both included their own matching network. If you use the radio without a matching network, it will not be efficient and won’t have much of a range."

Hope this helps.

Alex
K2AJR

1280. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 21:27:14 UTC
From: Dennis
Topic: 1037 Message: 1280

So aside from just an adapter it also has some gizmo inside to make it work.Wonder what the gizmo is? Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 4:04 PM
Subject: [transworld_radio] Re: PRC-1088 antenna?

<!--#yiv7255735890 #yiv7255735890 .yiv7255735890ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7255735890 div.yiv7255735890ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv7255735890 div.yiv7255735890photo-title a, #yiv7255735890 div.yiv7255735890photo-title a:active, #yiv7255735890 div.yiv7255735890photo-title a:hover, #yiv7255735890 div.yiv7255735890photo-title a:visited {text-decoration:none;}#yiv7255735890 div.yiv7255735890attach-table div.yiv7255735890attach-row {clear:both;}#yiv7255735890 div.yiv7255735890attach-table div.yiv7255735890attach-row div {float:left;}#yiv7255735890 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7255735890 div.yiv7255735890ygrp-file {width:30px;}#yiv7255735890 div.yiv7255735890attach-table div.yiv7255735890attach-row div div a {text-decoration:none;}#yiv7255735890 div.yiv7255735890attach-table div.yiv7255735890attach-row div div span {font-weight:normal;}#yiv7255735890 div.yiv7255735890ygrp-file-title {font-weight:bold;}#yiv7255735890 --> <!--#yiv7255735890 #yiv7255735890ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv7255735890 #yiv7255735890ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv7255735890 #yiv7255735890ygrp-mkp #yiv7255735890hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv7255735890 #yiv7255735890ygrp-mkp #yiv7255735890ads {margin-bottom:10px;}#yiv7255735890 #yiv7255735890ygrp-mkp .yiv7255735890ad {padding:0 0;}#yiv7255735890 #yiv7255735890ygrp-mkp .yiv7255735890ad p {margin:0;}#yiv7255735890 #yiv7255735890ygrp-mkp .yiv7255735890ad a {color:#0000ff;text-decoration:none;}-->

Dennis,
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"The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft whips (AT-271A/U-BB) and both included their own matching network. If you use the radio without a matching network, it will not be efficient and won’t have much of a range."
Hope this helps.
AlexK2AJR

1281. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 21:53:52 UTC
From: Brooke Clarke
Topic: 1037 Message: 1281

Hi Alex:

That's doesn't sound correct.

The PRC-25 and PRC-77 have antenna tuning circuits inside the radio which are selected by the band switch, frequency
selection and whether or not the antenna base has a tit to activate a switch in the radio. It would be strange for the
PRC-1088 to be made in a way that it could not use the antennas from the PRC-25, PRC-77 and a bunch of similar VHF low
band radios that all use the same antennas.
http://www.prc68.com/I/PRC25.shtml
http://www.prc68.com/I/PRC77.shtml
http://www.prc68.com/P/TWA.html#TMA

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
belarok@... [transworld_radio] wrote:
>
>
> Dennis,
>
>
> Here's a cut and paste from an email exchange I had today between a Datron technician and myself. This is what the
> Datron technician reported about the PRC-1088 antenna:
>
>
> "The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft whips (AT-271A/U-BB) and both included their own
> matching network. If you use the radio without a matching network, it will not be efficient and won’t have much of a
> range."
>
>
> Hope this helps.
>
>
> Alex
>
> K2AJR

>
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>

1282. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 22:10:00 UTC
From: Dave Panek
Topic: 1037 Message: 1282

The 1088 had a matching network built into the weird antenna base. It used standard antennas though.

On 5/11/2015 5:53 PM, Brooke Clarke brooke@... [transworld_radio] wrote:

> Hi Alex:
>
> That's doesn't sound correct.
>
> The PRC-25 and PRC-77 have antenna tuning circuits inside the radio
> which are selected by the band switch, frequency selection and whether
> or not the antenna base has a tit to activate a switch in the radio.
> It would be strange for the PRC-1088 to be made in a way that it could
> not use the antennas from the PRC-25, PRC-77 and a bunch of similar
> VHF low band radios that all use the same antennas.
> http://www.prc68.com/I/PRC25.shtml
> http://www.prc68.com/I/PRC77.shtml
> http://www.prc68.com/P/TWA.html#TMA
>
> Mail_Attachment --
> Have Fun,
>
> Brooke Clarke, N6GCE
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
> belarok@... [transworld_radio] wrote:
>>
>> Dennis,
>>
>>
>> Here's a cut and paste from an email exchange I had today between a
>> Datron technician and myself. This is what the Datron technician
>> reported about the PRC-1088 antenna:
>>
>>
>> "The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft
>> whips (AT-271A/U-BB) and both included their own matching network. If
>> you use the radio without a matching network, it will not be
>> efficient and won’t have much of a range."
>>
>>
>> Hope this helps.
>>

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>>
>> Alex
>>
>> K2AJR
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>>
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>
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1283. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 22:23:49 UTC
From: Alex J Rokowetz
Topic: 1037 Message: 1283

Brooke,
I don't what to say except that is the info I got from a technician at Datron. If I can't trust Datron to advise me about their products who can I trust?
AlexK2AJR

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 5:53 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

Hi Alex:

That's doesn't sound correct.

The PRC-25 and PRC-77 have antenna tuning circuits inside the radio which are selected by the band switch, frequency selection and whether or not the antenna base has a tit to activate a switch in the radio. It would be strange for the PRC-1088 to be made in a way that it could not use the antennas from the PRC-25, PRC-77 and a bunch of similar VHF low band radios that all use the same antennas.
http://www.prc68.com/I/PRC25.shtml
http://www.prc68.com/I/PRC77.shtml
http://www.prc68.com/P/TWA.html#TMA

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html belarok@... [transworld_radio] wrote:

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Hope this helps.
Alex K2AJR

1284. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 22:25:38 UTC
From: Alex J Rokowetz
Topic: 1037 Message: 1284

Don't know but I'm not willing to hack mine to find out.
AlexK2AJR
From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 5:27 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

So aside from just an adapter it also has some gizmo inside to make it work.Wonder what the gizmo is? Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 4:04 PM
Subject: [transworld_radio] Re: PRC-1088 antenna?

Dennis,
Here's a cut and paste from an email exchange I had today between a Datron technician and myself. This is what the Datron technician reported about the PRC-1088 antenna:
"The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft whips (AT-271A/U-BB) and both included their own matching network. If you use the radio without a matching network, it will not be efficient and won’t have much of a range."
Hope this helps.
AlexK2AJR

1285. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 22:42:21 UTC
From: Dennis
Topic: 1037 Message: 1285

I agreed 100% with Brooke, however. You must remember one thing. The PRC-1088 was designed by Collins then sold to Datron who promptly flipped it to a Chinese company where it remains today.
I have NEVER known Collins to use anything already in existence and already in widespread use. I can list every pack set ever made by Collins & not one used an antenna that was compatible with anything else.
In addition, the PRC-1088 does use standard AT-271 & AT-892 antennas. It just has this adapter gizmo stuck in between it & the radio. Our quest has been to ascertain if this gizmo was simply a mechanical adapter, or if it contained some electronics that would prevent direct connection of more common antennas.
Transworld/Datron has been noted to over glorify & greatly inflate the price of very common items. For instance, the "long wire adapter" for the PRC-1099 is simply a door knob capacitor.
I would venture to guess that the antenna adapter for the PRC-1088 probably contains something equally simple.
The AT-892 adapter might contain a choke, while the one for the AT-271 a simple shunt capacitor? As Alex refused to cut his up we may never know. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 5:23 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

1286. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 22:56:58 UTC
From: Alex J Rokowetz
Topic: 1037 Message: 1286

"As Alex refused to cut his up we may never know."
Hahaha. Thanks for the laugh Dennis.
I'll ask and see if the technician knows what inside.
AlexK2AJR
From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 6:42 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

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The AT-892 adapter might contain a choke, while the one for the AT-271 a simple shunt capacitor? Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 5:23 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

Brooke,
I don't what to say except that is the info I got from a technician at Datron. If I can't trust Datron to advise me about their products who can I trust?
AlexK2AJR

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 5:53 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

Hi Alex:

That's doesn't sound correct.

The PRC-25 and PRC-77 have antenna tuning circuits inside the radio which are selected by the band switch, frequency selection and whether or not the antenna base has a tit to activate a switch in the radio. It would be strange for the PRC-1088 to be made in a way that it could not use the antennas from the PRC-25, PRC-77 and a bunch of similar VHF low band radios that all use the same antennas.
http://www.prc68.com/I/PRC25.shtml
http://www.prc68.com/I/PRC77.shtml
http://www.prc68.com/P/TWA.html#TMA

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html belarok@yahoo.com [transworld_radio] wrote:

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Here's a cut and paste from an email exchange I had today between a Datron technician and myself. This is what the Datron technician reported about the PRC-1088 antenna:
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Hope this helps.
Alex K2AJR

1287. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 23:10:19 UTC
From: Robert Nickels
Topic: 1037 Message: 1287

On 5/11/2015 5:56 PM, Alex J Rokowetz belarok@...
[transworld_radio] wrote:
>
> I'll ask and see if the technician knows what inside.

Or see what your neighborhood veterinarian would charge for an X-Ray.

73, Bob W9RAN

1288. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-11 23:50:43 UTC
From: Brooke Clarke
Topic: 1037 Message: 1288

Hi:

Don't forget you dentist. On many visits I brought one small item and he used his digital X-ray machine to give me a
digital image.
In exchange I give him credit.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
Robert Nickels w9ran@... [transworld_radio] wrote:
> On 5/11/2015 5:56 PM, Alex J Rokowetz belarok@...
> [transworld_radio] wrote:
>> I'll ask and see if the technician knows what inside.
> Or see what your neighborhood veterinarian would charge for an X-Ray.
>
> 73, Bob W9RAN
>
>
> ----------
> Posted by: Robert Nickels <ranickel@...>
> ----------
>
>
> ----------
>
> Yahoo Groups Links
>
>
>
>

1289. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-12 00:17:36 UTC
From: S C Marrow
Topic: 1037 Message: 1289

Or do some measurements with a VNA (Vector Network Analyzer) I would think that it wouldn't be too hard to figure out.....also some patent searches

Steve
----- Original Message -----
From: Robert Nickels w9ran@oneradio.net [transworld_radio]
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 7:10 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

On 5/11/2015 5:56 PM, Alex J Rokowetz belarok@...
[transworld_radio] wrote:
>
> I'll ask and see if the technician knows what inside.

Or see what your neighborhood veterinarian would charge for an X-Ray.

73, Bob W9RAN

Posted by: Robert Nickels <ranickel@...>

Yahoo Groups Links

1290. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-12 05:24:22 UTC
From: tacticalwookie
Topic: 1037 Message: 1290

The Harris 3090/117 family used an oddball adaptor for the 271 whip. And the two I have complain when using the gooseneck/tape whip.
-------- Original message --------
From: "Dennis spike.dennis@yahoo.com [transworld_radio]"
Date:05/11/2015 15:27 (GMT-07:00)
To: transworld_radio@yahoogroups.com
Cc:
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

So aside from just an adapter it also has some gizmo inside to make it work. Wonder what the gizmo is? Dennis Starks Military-Radio-Guy KBØSFP HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm From: "belarok@yahoo.com [transworld_radio]" To: transworld_radio@yahoogroups.com Sent: Monday, May 11, 2015 4:04 PM Subject: [transworld_radio] Re: PRC-1088 antenna? Dennis, Here's a cut and paste from an email exchange I had today between a Datron technician and myself. This is what the Datron technician reported about the PRC-1088 antenna: "The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft whips (AT-271A/U-BB) and both included their own matching network. If you use the radio without a matching network, it will not be efficient and won’t have much of a range." Hope this helps. Alex K2AJR

1291. RT100/MP Display Problem

Yahoo group: transworld_radio
Date: 2015-05-12 11:01:29 UTC
From: nazario.culanag@...
Topic: 1291 Message: 1291

Hi to all,

My thanks to the moderator for accepting me again after my membership was cancelled maybe due to no activity with the group.

I finally had the time to work on my RT100/MP of which I experienced the display problem which I referred to the group sometime in 2013 but was only able to work on it lately.The problem is when I power on the radio, the display comes out but slowly fades out until you don't see it. When I press C or F or up and down arrows, the display comes out again but slowly fades out. The suggestion then was to replace R91 with same value resistor or one within the range. Mine has no remote control so the board which controls the display is M9MP and the resistor involved is R23 whose value as per manual should be within the range of 4.7K to 27K.. The current value of the resistor is 5.6K. I replaced it with 4.7K and 14.7K but still I encountered the same problem. I wonder if someone in the group has encountered the same problem and can share some info as to the fix.

Thanks in advance...Jun

1292. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-12 21:04:27 UTC
From: Alex J Rokowetz
Topic: 1037 Message: 1292

According to Datron: "The adapters have a transformer and at least three each inductors and capacitors." AlexK2AJR
From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 6:56 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

  "As Alex refused to cut his up we may never know."
Hahaha. Thanks for the laugh Dennis.
I'll ask and see if the technician knows what inside.
AlexK2AJR
From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@...m>
To: "transworld_radio@yahoogroups.com" <transworld_radio@...m>
Sent: Monday, May 11, 2015 6:42 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

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Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@...m" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 5:23 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

Brooke,
I don't what to say except that is the info I got from a technician at Datron. If I can't

trust Datron to advise me about their products who can I trust?
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From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 5:53 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

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Have Fun,

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Dennis,
Here's a cut and paste from an email exchange I had today between a Datron technician and myself. This is what the Datron technician reported about the PRC-1088 antenna:
"The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft whips (AT-271A/U-BB) and both included their own matching network. If you use the radio without a matching network, it will not be efficient and won’t have much of a range."
Hope this helps.
Alex K2AJR

1293. Re: [transworld_radio] Re: PRC-1088 antenna?

Yahoo group: transworld_radio
Date: 2015-05-12 21:38:15 UTC
From: S C Marrow
Topic: 1037 Message: 1293

Mail_AttachmentStill think it would be neat to sweep it for S11 properties (with the whip attached) and S21 properties (just the adapter).

KM4V
----- Original Message -----
From: Alex J Rokowetz belarok@... [transworld_radio]
To: transworld_radio@yahoogroups.com
Sent: Tuesday, May 12, 2015 5:04 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

According to Datron: "The adapters have a transformer and at least three each inductors and capacitors."

Alex
K2AJR

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 6:56 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

"As Alex refused to cut his up we may never know."

Hahaha. Thanks for the laugh Dennis.

I'll ask and see if the technician knows what inside.

Alex
K2AJR

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 6:42 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

I agreed 100% with Brooke, however. You must remember one thing. The PRC-1088 was designed by Collins then sold to Datron who promptly flipped it to a Chinese company where it remains today.

I have NEVER known Collins to use anything already in existence and already in widespread use. I can list every pack set ever made by Collins & not one used an antenna that was compatible with anything else.

In addition, the PRC-1088 does use standard AT-271 & AT-892 antennas. It just has this adapter gizmo stuck in between it & the radio. Our quest has been to ascertain if this gizmo was simply a mechanical adapter, or if it contained some electronics that would

prevent direct connection of more common antennas.

Transworld/Datron has been noted to over glorify & greatly inflate the price of very common items. For instance, the "long wire adapter" for the PRC-1099 is simply a door knob capacitor.

I would venture to guess that the antenna adapter for the PRC-1088 probably contains something equally simple.

The AT-892 adapter might contain a choke, while the one for the AT-271 a simple shunt capacitor?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@...m>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Monday, May 11, 2015 5:23 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

Brooke,

I don't what to say except that is the info I got from a technician at Datron. If I can't trust Datron to advise me about their products who can I trust?

Alex
K2AJR

From: "Brooke Clarke brooke@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, May 11, 2015 5:53 PM
Subject: Re: [transworld_radio] Re: PRC-1088 antenna?

Hi Alex:

That's doesn't sound correct.

The PRC-25 and PRC-77 have antenna tuning circuits inside the radio which are selected by the band switch, frequency selection and whether or not the antenna base has a tit to activate a switch in the radio. It would be strange for the PRC-1088 to be made in a way that it could not use the antennas from the PRC-25, PRC-77 and a bunch of similar VHF low band radios that all use the same antennas.
http://www.prc68.com/I/PRC25.shtml
http://www.prc68.com/I/PRC77.shtml
http://www.prc68.com/P/TWA.html#TMA

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
belarok@yahoo.com [transworld_radio] wrote:

Dennis,

Here's a cut and paste from an email exchange I had today between a Datron technician and myself. This is what the Datron technician reported about the PRC-1088 antenna:

"The PRC1088 used to be sold with 3-ft blades (AT-892/U-BB) and 10-ft whips (AT-271A/U-BB) and both included their own matching network. If you use the radio without a matching network, it will not be efficient and won’t have much of a range."

Hope this helps.

Alex
K2AJR

1294. TW100 with Signalink

Yahoo group: transworld_radio
Date: 2015-05-30 17:51:13 UTC
From: Frank Ketterman
Topic: 1294 Message: 1294

Has anyone had any luck getting a Signalink SL or USB working with the TW100? If so did you use the J8 connector or the front panel mic connector? What cable or did you make your own?

Thanks,

Frank Ketterman

fnk@... <mailto:fnk@...>

www.survivalblog.net <http://www.survivalblog.net>

AC0XV

Molon Labe!

1295. Re: TW100 with Signalink

Yahoo group: transworld_radio
Date: 2015-05-30 18:24:54 UTC
From: n7shm@...
Topic: 1294 Message: 1295

Frank,

I have a TW7000 here and am not sure how closely the radios are related, but wanted to share my experience.They look like completely different animals. A web search suggests you have several DB-9 connectors on the back, so some principles may apply.

After getting the radio tuned up, I built an interface box to pull off several lines from two of the three DB25 ports on the back of the TW7000. I wanted access to the RS-232 lines, TX/RX audio, and PTT among other things. While signal levels are true RS-232, none of the radio's DB25 ports followed standard RS-232 pinout conventions. I knew that lines and connections would need to be switched around, anyway - ergo, the interface box. An old DB-25 A/B switch box from the junk pile provided a good starting point.

Despite having a SignaLink USB in the shack, I chose to run audio straight to the onboard sound device of my HP desktop computer. Of three sound devices on the machine - the onboard, a higher-end SoundBlaster card, and the SignaLink - the onboard device has the least drift and flutter. PTT keying was set up with a simple transistor circuit in the interface box.

I use the setup for software ALE. The radio has an ALE board and I've used it a bit, but its a bit kludgy to use - at least without expensive software from Datron. Software ALE works fine with it and I've even done a bit of direct control, monitoring, and logging with it using Python scripts on the PC and a Raspberry Pi.

Recently I tried another digital mode (JT65) and was disappointed to see from the waterfall display how weak the radio's image rejection is. It's not going to be my weak signal radio, that's for sure. The TW100 is no doubt a completely different animal, so your mileage may vary.

Bottom line: You may want to skip the SignaLink and wire it direct if you have a decent onboard audio device and a spare serial port for control. Direct keying, rather than VOX, is preferable if you can swing it.

Dan
N7SHM

---In transworld_radio@yahoogroups.com, <fnk@...> wrote :

Has anyone had any luck getting a Signalink SL or USB working with the TW100? If so did you use the J8 connector or the front panel mic connector? What cable or did you make your own?

Thanks,

Frank Ketterman
fnk@... mailto:fnk@...
www.survivalblog.net http://www.survivalblog.net
AC0XV
Molon Labe!

1296. Re: [transworld_radio] TW100 with Signalink

Yahoo group: transworld_radio
Date: 2015-05-30 20:31:06 UTC
From: Alex J Rokowetz
Topic: 1294 Message: 1296

Frank,
Although it has been a couple of years, I know I ran my SignaLink USB with my TW100. It's been so long, I honestly cannot remember if I ran the SignaLink to the mic connector on the front panel or the DB9 connector on the rear panel. I do know for sure that made my own interface cables for these.
Now I use mostly use my TW7000 or TW7000F radios with my SignaLink. I use my own interface cables for these as well. Do you have a specific question?
AlexK2AJR
  From: "'Frank Ketterman' fnk@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, May 30, 2015 1:51 PM
Subject: [transworld_radio] TW100 with Signalink

  Has anyone had any luck getting a Signalink SL or USB working with the TW100? If so did you use the J8 connector or the front panel mic connector? What cable or did you make your own? Thanks, Frank Kettermanfnk@softhome.netwww.survivalblog.netAC0XVMolon Labe!

1297. Re: [transworld_radio] TW100 with Signalink

Yahoo group: transworld_radio
Date: 2015-05-30 21:27:17 UTC
From: Alex J Rokowetz
Topic: 1294 Message: 1297

I just dug through my pile of interface cables and found the one I made up to interface with the DB9 (J8) connector on the rear panel so I know I used the radio that way. If my memory serves me correctly, I think initially used the mic connector on the front panel too.
AlexK2AJR
  From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Saturday, May 30, 2015 4:31 PM
Subject: Re: [transworld_radio] TW100 with Signalink

  Frank,
Although it has been a couple of years, I know I ran my SignaLink USB with my TW100. It's been so long, I honestly cannot remember if I ran the SignaLink to the mic connector on the front panel or the DB9 connector on the rear panel. I do know for sure that made my own interface cables for these.
Now I use mostly use my TW7000 or TW7000F radios with my SignaLink. I use my own interface cables for these as well. Do you have a specific question?
AlexK2AJR
  From: "'Frank Ketterman' fnk@softhome.net [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, May 30, 2015 1:51 PM
Subject: [transworld_radio] TW100 with Signalink

  Has anyone had any luck getting a Signalink SL or USB working with the TW100? If so did you use the J8 connector or the front panel mic connector? What cable or did you make your own? Thanks, Frank Kettermanfnk@...ivalblog.netAC0XVMolon Labe!

1298. Re: TW2000s - technical data

Yahoo group: transworld_radio
Date: 2015-06-02 23:56:35 UTC
From: nazario.culanag@...
Topic: 1277 Message: 1298

Chris, I have recently discovered I also have this radio in my shack, I wonder if you had any luck in manual or schematics, maybe you can also share it with the group.

Thanks
Nazario

1299. Re: TW2000s - technical data

Yahoo group: transworld_radio
Date: 2015-06-03 14:58:02 UTC
From: cggturner@...
Topic: 1277 Message: 1299

Hi Nazario

I have not been able to locate an electronic copy. However, Milspec has a paper version for a few dollars. Because I live in Mozambique it's almost certain that if I order it through the mail it will not arrive.

Why don't you get one from that source for yourself.

Chris
ZS6GM / C91GM

1300. Re: TW100 with Signalink

Yahoo group: transworld_radio
Date: 2015-06-03 22:14:53 UTC
From: Frank Ketterman
Topic: 1294 Message: 1300

Thanks to all who replied to my post.

Alex or anyone else :),

Do you remember what jumpers you had to set internally on
the SignalLink USB? I have the pin out for the J8 side, need to know how to
wire the jumpers.

Thanks,

Frank Ketterman

fnk@... <mailto:fnk@...>

www.survivalblog.net <http://www.survivalblog.net>

AC0XV

Molon Labe!

1301. Re: [transworld_radio] Re: TW100 with Signalink

Yahoo group: transworld_radio
Date: 2015-06-04 00:34:27 UTC
From: Andrew Mazuch
Topic: 1294 Message: 1301

The signal link for me is easier to configure out side of the box. What that means is I jumped straight across the socket in the signal link and configure the cable for different radios. That way I do not have to go through the hassle of opening the signal link every time. So what I did for my TW100 is cut a DB9 cable in half and get the pin out of the cable so I can properly install a RJ45 connector on the signal link end. Same story for FT102 that uses a Din plug and the FT1900 that uses a RJ11 for the Mic jack. Make Sense??

John Mazuch
KK4EBL

On Wed, Jun 3, 2015 at 6:14 PM, 'Frank Ketterman' fnk@...
[transworld_radio] <transworld_radio@yahoogroups.com> wrote:

>
>
> Thanks to all who replied to my post.
>
>
>
> Alex or anyone else J,
>
>
>
> Do you remember what jumpers you had to set internally on
> the SignalLink USB? I have the pin out for the J8 side, need to know how
> to wire the jumpers.
>
>
>
> Thanks,
>
>
>
> Frank Ketterman
>
> fnk@...
>
> www.survivalblog.net
>
> AC0XV
>
> Molon Labe!
>
>

>
>
>

1302. Re: [transworld_radio] Re: TW100 with Signalink

Yahoo group: transworld_radio
Date: 2015-06-09 00:22:58 UTC
From: Alex J Rokowetz
Topic: 1294 Message: 1302
Attachments: 1 described; binary payloads are missing from this source WARC

Frank,
Sorry for the delayed reply. To be honest it slipped my mind. I opened up my SignaLink today and snapped a photo (see attached)
I wired mine up in a simple and straightforward way:
G - JUMPER - 8G - JUMPER - 7G - JUMPER - 6--- - NO JUMPER - 5--- - NO JUMPER - 4PTT - JUMPER - 3MIC - JUMPER - 2SPK - JUMPER - 1
Hope this helps.
AlexK2AJR

From: "'Frank Ketterman' fnk@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, June 3, 2015 6:14 PM
Subject: [transworld_radio] Re: TW100 with Signalink

Thanks to all who replied to my post. Alex or anyone else J, Do you remember what jumpers you had to set internally on the SignalLink USB? I have the pin out for the J8 side, need to know how to wire the jumpers. Thanks, Frank Kettermanfnk@softhome.netwww.survivalblog.netAC0XVMolon Labe!

1303. AT-100 Tuner

Yahoo group: transworld_radio
Date: 2015-06-09 05:31:16 UTC
From: Chuck
Topic: 1303 Message: 1303

Gentlemen:

As I have just joined the group, I have a couple of questions on the Trans World Equipment.

1. Has anyone used the AT-100 with an other Transceiver? I have a GSB-900DX and was wondering if it could be made to work with it.

2. What would be a "normal" price for a TW-100? It may be easier to sell my -900 and go with a -100 but I have no idea what one would go for "in the wild". The reason being that I need to have a "remotly tuned antenna" due to space restrictions at the QTH.

3. Is it possibel to find the 28V power supply for the TW-100 and install it instead of the 12v one?

4. Has any one used the unit for RTTY? Anything is should watch out for if I go the TW-100/AT-100 route?

Thanks in advance,

Chuck McClurg
N7UVZ
Carson City, NV

1304. Re: [transworld_radio] AT-100 Tuner

Yahoo group: transworld_radio
Date: 2015-06-09 04:52:49 UTC
From: Dennis
Topic: 1303 Message: 1304

The AT-100 uses the very same protocol as Icom and can afford no more than 10 watts when tuning.Typical TW100's prices run $300-$450 depending on the source and condition.
The TW-100 is a far more advanced, and serviceable radio than the GSB-900.24vdc versions of the TW-100 were made, their primary use was TTY.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Chuck' j-mcclurg@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, June 9, 2015 12:31 AM
Subject: [transworld_radio] AT-100 Tuner

<!--#yiv5955501887 #yiv5955501887 .yiv5955501887ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5955501887 div.yiv5955501887ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5955501887 div.yiv5955501887photo-title a, #yiv5955501887 div.yiv5955501887photo-title a:active, #yiv5955501887 div.yiv5955501887photo-title a:hover, #yiv5955501887 div.yiv5955501887photo-title a:visited {text-decoration:none;}#yiv5955501887 div.yiv5955501887attach-table div.yiv5955501887attach-row {clear:both;}#yiv5955501887 div.yiv5955501887attach-table div.yiv5955501887attach-row div {float:left;}#yiv5955501887 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5955501887 div.yiv5955501887ygrp-file {width:30px;}#yiv5955501887 div.yiv5955501887attach-table div.yiv5955501887attach-row div div a {text-decoration:none;}#yiv5955501887 div.yiv5955501887attach-table div.yiv5955501887attach-row div div span {font-weight:normal;}#yiv5955501887 div.yiv5955501887ygrp-file-title {font-weight:bold;}#yiv5955501887 --> ☐

Gentlemen: As I have just joined the group, I have a couple of questions on the Trans World Equipment. 1. Has anyone used the AT-100 with an other Transceiver? I have a GSB-900DX and was wondering if it could be made to work with it. 2. What would be a "normal" price for a TW-100? It may be easier to sell my -900 and go with a -100 but I have no idea what one would go for "in the wild". The reason being that I need to have a "remotly tuned antenna" due to space restrictions at the QTH. 3. Is it possibel to find the 28V power supply for the TW-100 and install it instead of the 12v one? 4. Has any one used the unit for RTTY? Anything is should watch out for if I go the TW-100/AT-100 route? Thanks in advance, Chuck McClurgN7UVZCarson City, NV

1305. Re: [transworld_radio] AT-100 Tuner

Yahoo group: transworld_radio
Date: 2015-06-09 10:44:57 UTC
From: Alex J Rokowetz
Topic: 1303 Message: 1305

Chuck,
The basic AT100 uses four circuits to tune: 12VDC, GND, KEY, and TUNE INITIATE. The "all bells and whistles" version has a memory feature uses more.... maybe eight circuits total? I forget. The only other radio I have used an AT100 with is a Datron TW7000.
As Dennis noted, prices range based on source and condition. I've paid anywhere from $140 to $250 for 100 channel TW100 radios...less than $100 for the 10 channel version of the TW100. These were all private ham to ham sales. eBay seems more pricey.

I think I have seen the 28V radio a long time ago, but 99% I have seen are 12V.
I have used mine with RTTY and other data modes. Some things I remember are: It's really important to keep the tuner out of the sun when operating data. It will overheat fast. Build a little doghouse for it to keep the sun off. Also, there are minimum antenna length for various frequency groups. Follow the length requirements. I think Transworld made a special version of the AT100 that can accommodate shorter antenna lengths, but I don't know that I have ever seen one myself.
Also, be sure to power your TW100 radio with a separate DC power supply when operating continuous duty. If you run it off the mains, the internal power supply will crap out when you make a transmission longer than 2 minutes.
Check the files section of this group. I am pretty sure we have manuals for the AT100. If not, let me know and I will upload some.

Good luck and check back with us to let us know how you are making out.
AlexK2AJR

From: "'Chuck' j-mcclurg@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, June 9, 2015 1:31 AM
Subject: [transworld_radio] AT-100 Tuner

☐Gentlemen: As I have just joined the group, I have a couple of questions on the Trans World Equipment. 1. Has anyone used the AT-100 with an other Transceiver? I have a GSB-900DX and was wondering if it could be made to work with it. 2. What would be a "normal" price for a TW-100? It may be easier to sell my -900 and go with a -100 but I have no idea what one would go for "in the wild". The reason being that I need to have a "remotly tuned antenna" due to space restrictions at the QTH. 3. Is it possibel to find the 28V power supply for the TW-100 and install it instead of the 12v one? 4. Has any one used the unit for RTTY? Anything is should watch out for if I go the TW-100/AT-100 route? Thanks in advance, Chuck McClurgN7UVZCarson City, NV

1307. Re: [transworld_radio] Important files --- SPAM DO NOT OPEN!!!!

Yahoo group: transworld_radio
Date: 2015-06-09 14:25:39 UTC
From: Alex J Rokowetz
Topic: 1306 Message: 1307

Group members,
The preceding message was sent to many yahoo group lists. I suspect it is spam, potentially malicious, and STRONGLY recommend you to not click on the attachment.
AlexK2AJR
From: "'Joel Liburd...(v44kai)' v44kai@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To:
Sent: Tuesday, June 9, 2015 10:19 AM
Subject: [transworld_radio] Important files

  I tried sending you a document yesterday, but I'm not sure you received it, I just attached it again for your review and comments.
It is password protected, so you must sign in with your email address e-mail to view the files
--
v44kai.....Joel.

1308. Re: [transworld_radio] Important files

Yahoo group: transworld_radio
Date: 2015-06-09 14:24:44 UTC
From: Dennis
Topic: 1306 Message: 1308

DO NOT FOLLOW or OPEN THIS LINK!!!
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Joel Liburd...(v44kai)' v44kai@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To:
Sent: Tuesday, June 9, 2015 9:19 AM
Subject: [transworld_radio] Important files

<!--#yiv1977638438 #yiv1977638438 .yiv1977638438ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1977638438 div.yiv197763
8438ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:whi
te;border:1px solid black;height:62px;width:62px;}#yiv1977638438
div.yiv1977638438photo-title a, #yiv1977638438 div.yiv1977638438photo-title a:active,
#yiv1977638438 div.yiv1977638438photo-title a:hover, #yiv1977638438
div.yiv1977638438photo-title a:visited {text-decoration:none;}#yiv1977638438
div.yiv1977638438attach-table div.yiv1977638438attach-row {clear:both;}#yiv1977638438
div.yiv1977638438attach-table div.yiv1977638438attach-row div {float:left;}#yiv1977638438
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1977638438
div.yiv1977638438ygrp-file {width:30px;}#yiv1977638438 div.yiv1977638438attach-table
div.yiv1977638438attach-row div div a {text-decoration:none;}#yiv1977638438
div.yiv1977638438attach-table div.yiv1977638438attach-row div div span
{font-weight:normal;}#yiv1977638438 div.yiv1977638438ygrp-file-title
{font-weight:bold;}#yiv1977638438 --> <!--#yiv1977638438 #yiv1977638438ygrp-mkp
{border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv1977638438
#yiv1977638438ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv1977638438 #yiv1977638438ygrp-mkp
#yiv1977638438hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv1977638438 #yiv1977638438ygrp-mkp #yiv1977638438ads
{margin-bottom:10px;}#yiv1977638438 #yiv1977638438ygrp-mkp .yiv1977638438ad {padding:0
0;}#yiv1977638438 #yiv1977638438ygrp-mkp .yiv1977638438ad p {margin:0;}#yiv1977638438
#yiv1977638438ygrp-mkp .yiv1977638438ad a {color:#0000ff;text-decoration:none;}-->

I tried sending you a document yesterday, but I'm not sure you received it, I just attached it again for your review and comments.
It is password protected, so you must sign in with your email address e-mail to view the files

1 Attached file | 286KB
View | Download

--
v44kai.....Joel.

1309. Re: [transworld_radio] Important files --- SPAM DO NOT OPEN!!!!

Yahoo group: transworld_radio
Date: 2015-06-09 14:29:02 UTC
From: Dennis
Topic: 1306 Message: 1309

I've just restricted the members access. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Alex J Rokowetz belarok@yahoo.com [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Tuesday, June 9, 2015 9:25 AM
Subject: Re: [transworld_radio] Important files --- SPAM DO NOT OPEN!!!!

1310. TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 06:24:47 UTC
From: Chuck
Topic: 727 Message: 1310

I have made up my mind to go froward with this project and am looking for a TW-100. It would be shipped to 89701, Nevada.

I am also going to put out a request for the 24v power supply module that I could put in place of the 12v one. I know that they are scarce on the ground but will ask anyway. I do have a AT-100 Antenna Tuner to go with the TX.

Due to going this route I now have a GSB-900DX/GCU-935 for sale. Price is $700 + shipping frome 89701.

Thanks,

Chuck
N7UVZ

1311. Re: [transworld_radio] TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 11:59:22 UTC
From: Dennis
Topic: 727 Message: 1311

You can not just replace the regulator board to make a 12v radio into a 24v one.
#1, 24v radios do not have an internal AC power supply as they were all made to operate from an external supply which allowed for a higher duty cycle(primarily for TTY use).

#2, the RF/PA board runs directly from unregulated DC. 24v devices are used in 24v radios, and 12v types are used in the 12v radios.

24v radios though not as common as 12v, can be found with some regularity. They are not generally as desirable as 12v versions so should sell for a little less. Several have sold on ebay in the last couple months. Ironically, the seller of these radios did not divulge that they were 24v versions even after having been advised that they were.
I'd like to have your Sunair but they are a pretty heavy item to ship. Is yours green or gray? Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Chuck' j-mcclurg@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, June 11, 2015 1:24 AM
Subject: [transworld_radio] TW-100

<!--#yiv6512726220 #yiv6512726220 .yiv6512726220ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6512726220 div.yiv6512726220ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6512726220 div.yiv6512726220photo-title a, #yiv6512726220 div.yiv6512726220photo-title a:active, #yiv6512726220 div.yiv6512726220photo-title a:hover, #yiv6512726220 div.yiv6512726220photo-title a:visited {text-decoration:none;}#yiv6512726220 div.yiv6512726220attach-table div.yiv6512726220attach-row {clear:both;}#yiv6512726220 div.yiv6512726220attach-table div.yiv6512726220attach-row div {float:left;}#yiv6512726220 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6512726220 div.yiv6512726220ygrp-file {width:30px;}#yiv6512726220 div.yiv6512726220attach-table div.yiv6512726220attach-row div div a {text-decoration:none;}#yiv6512726220 div.yiv6512726220attach-table div.yiv6512726220attach-row div div span {font-weight:normal;}#yiv6512726220 div.yiv6512726220ygrp-file-title {font-weight:bold;}#yiv6512726220 -->

I have made up my mind to go froward with this project and am looking for a TW-100. It would be shipped to 89701, Nevada. I am also going to put out a request for the 24v power supply module that I could put in place of the 12v one. I know that they are scarce on the ground but will ask anyway. I do have a AT-100 Antenna Tuner to go with the TX. Due to going this route I now have a GSB-900DX/GCU-935 for sale. Price is $700 + shipping frome 89701. Thanks, Chuck N7UVZ

1312. Re: [transworld_radio] TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 15:59:01 UTC
From: Chuck
Topic: 727 Message: 1312

Dennis:

Thanks for the info, I did not realise the differences in the two sets. I don't want to be tied to 24 volt only so will drop that idea ! :-)

Mine it the green version and does work as I used it on the Wednesday 0300Z/3996Kc mil net. I have not used the tuner as I can not find cable to hook it up.

Again thanks, now I know what I am looking for !

Chuck
N7UVZ

----- Original Message -----
From: Dennis spike.dennis@... [transworld_radio]
To: transworld_radio@yahoogroups.com
Sent: Thursday, June 11, 2015 3:59 AM
Subject: Re: [transworld_radio] TW-100

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#1, 24v radios do not have an internal AC power supply as they were all made to operate from an external supply which allowed for a higher duty cycle(primarily for TTY use).

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24v radios though not as common as 12v, can be found with some regularity. They are not generally as desirable as 12v versions so should sell for a little less. Several have sold on ebay in the last couple months. Ironically, the seller of these radios did not divulge that they were 24v versions even after having been advised that they were.

I'd like to have your Sunair but they are a pretty heavy item to ship. Is yours green or gray?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1313. Re: TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 22:36:12 UTC
From: Bruno W4AFK
Topic: 727 Message: 1313

The "28V" version of the TW1000 is really a 12V radio. We inserted a 28Vdc:12Vdc converter (P/N M8A) in place of the M8 regulator inside the radio. This way it would accept 24-28Vdc and bring this down to the nominal 12Vdc it requires. This 12V is fed everywhere except to the finals.

On the 28V version we also changed the finals from the M10 (12V) to the M10A module (28V) so be careful about your conversion :)

By the way, I have been working for Datron since the early 90's. I started when it was still called Transworld.

Bruno Haineault, W4AFK

[Local: Yaesu FTDX-1200, TARHEEL LT-II antenna & Heil PR-781 mic. Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig - see QRZ]

1314. Re: [transworld_radio] Re: TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 22:47:09 UTC
From: Dennis
Topic: 727 Message: 1314

Assuming that the RF/PA is basically 12vdc, how is that DC controlled allowing 24v operation? A regulator capable of the required current would be quite large. Dennis Starks Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Bruno W4AFK' w4afk.florida@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, June 11, 2015 5:36 PM
Subject: [transworld_radio] Re: TW-100

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the finals. On the 28V version we also changed the finals from the M10 (12V) to the M10A module (28V) so be careful about your conversion J By the way, I have been working for Datron since the early 90’s. I started when it was still called Transworld. Bruno Haineault, W4AFK[Local: Yaesu FTDX-1200, TARHEEL LT-II antenna & Heil PR-781 mic. Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig – see QRZ]

1315. RE: [transworld_radio] Re: TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 22:53:13 UTC
From: Mike Feher
Topic: 727 Message: 1315

Dennis –

He said the PA runs on 24 VDC, so, no power wasted in conversion. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Thursday, June 11, 2015 6:47 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: TW-100

Assuming that the RF/PA is basically 12vdc, how is that DC controlled allowing 24v operation? A regulator capable of the required current would be quite large.

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Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "'Bruno W4AFK' w4afk.florida@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, June 11, 2015 5:36 PM
Subject: [transworld_radio] Re: TW-100

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On the 28V version we also changed the finals from the M10 (12V) to the M10A module (28V) so be careful about your conversion J

By the way, I have been working for Datron since the early 90’s. I started when it was still called Transworld.

Bruno Haineault, W4AFK

[Local: Yaesu FTDX-1200, TARHEEL LT-II antenna & Heil PR-781 mic. Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig – see QRZ]

1316. Re: [transworld_radio] Re: TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 23:05:38 UTC
From: Dennis
Topic: 727 Message: 1316

Ooops I didn't read down far enough to see that he also changed out the RF/PA devices.
Now I gotcha. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, June 11, 2015 5:53 PM
Subject: RE: [transworld_radio] Re: TW-100

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#yiv0011895531 div.yiv0011895531photo-title a:hover, #yiv0011895531
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#yiv0011895531 li.yiv0011895531ad2, #yiv0011895531 div.yiv0011895531ad2
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1.0in;}#yiv0011895531 div.yiv0011895531WordSection1 {}#yiv0011895531 _filtered
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{} _filtered #yiv0011895531 {font-family:Wingdings;} _filtered #yiv0011895531
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{font-family:Wingdings;}#yiv0011895531 ol {margin-bottom:0in;}#yiv0011895531 ul
{margin-bottom:0in;}#yiv0011895531

Dennis – He said the PA runs on 24 VDC, so, no power wasted in conversion. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Thursday, June 11, 2015 6:47 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: TW-100 Assuming that the RF/PA is basically 12vdc, how is that DC controlled allowing 24v operation? A regulator capable of the required current would be quite large. Dennis Starks
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To: transworld_radio@yahoogroups.com
Sent: Thursday, June 11, 2015 5:36 PM
Subject: [transworld_radio] Re: TW-100 The “28V” version of the TW1000 is really a 12V radio. We inserted a 28Vdc:12Vdc converter (P/N M8A) in place of the M8 regulator inside the radio. This way it would accept 24-28Vdc and bring this down to the nominal 12Vdc it requires. This 12V is fed everywhere except to the finals. On the 28V version we also changed the finals from the M10 (12V) to the M10A module (28V) so be careful about your conversion J By the way, I have been working for Datron since the early 90’s. I started when it was still called Transworld. Bruno Haineault, W4AFK[Local: Yaesu FTDX-1200, TARHEEL LT-II antenna & Heil PR-781 mic. Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig – see QRZ]

1317. Re: [transworld_radio] Re: TW-100

Yahoo group: transworld_radio
Date: 2015-06-11 23:15:40 UTC
From: Alex J Rokowetz
Topic: 727 Message: 1317

Bruno,
I really appreciate your chiming in from time to time and providing us with the straight facts.
Thank you.
AlexK2AJR

From: "'Bruno W4AFK' w4afk.florida@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, June 11, 2015 6:36 PM
Subject: [transworld_radio] Re: TW-100

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1318. TW100 button repair stuff.

Yahoo group: transworld_radio
Date: 2015-06-18 22:18:14 UTC
From: Dennis
Topic: 1318 Message: 1318

The best solution to repair the buttons on the TW100 is to swap the often unused buttons on the right of the display to those often warn out scan/up/down buttons on the left of the display. Some times we don't have that option though. Like when those right hand buttons are in use, or as with the TW100F, there are none.

I just used this stuff to repair a bunch of the up/down & scan buttons on my TW100's.I don't know how long it will last, but they are working now!
CAIKOTE(TM) 44 CONDUCTIVE COATING, SILVER/CARBON

| |
| | | | | | | |
| CAIKOTE(TM) 44 CONDUCTIVE COATING, SILVER/...1 gr. Repair membrane buttons and keypads and other carbon and silver based surfaces. EMI/ESD shielding. Use on rubber, epoxy, glass and plastic surface... |
| |
| View on www.allelectronics.com | Preview by Yahoo |
| |
| |

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1319. Re: [transworld_radio] TW100 button repair stuff.

Yahoo group: transworld_radio
Date: 2015-06-19 00:50:55 UTC
From: Robert Nickels
Topic: 1318 Message: 1319

On 6/18/2015 5:18 PM, Dennis spike.dennis@... [transworld_radio]
wrote:
>
> I don't know how long it will last, but they are working now!
>
It's been a year now and mine are still working.

73, Bob W9RAN

1320. TW100 on ebay

Yahoo group: transworld_radio
Date: 2015-06-21 02:55:41 UTC
From: Chuck
Topic: 1320 Message: 1320

Just a note on the TW100 with two mics on ebay right now. When he says "parts, not working" he means it.

I bought the other one he had up last week and I arrived today, OOOOOOOOOP's

It was complete and looks good BUT, no power out, receiver deaf, keypad flakey. unable to enter Scan channels etc.....

Nothing against the guy, mine showed up fast and was as advertized, but I would have offered less had I known the shape it was in electronically.

:-(:-(

Does anyone have a Service Manual for the "4 Knob (+- 1989)" version of the TW100?? The insides "looks" the same but I would like to have a correct copy if possibe.

Thanks,

Chuck
N7UVZ

1321. Re: [transworld_radio] TW100 on ebay

Yahoo group: transworld_radio
Date: 2015-06-21 02:14:06 UTC
From: John's Business Accnt.
Topic: 1320 Message: 1321

It's downloadable online at no cost. Do a search for TW100 I think it's about 10mb file.

73,

John
W6DAX

Sent from my iPhone

On Jun 20, 2015, at 7:55 PM, 'Chuck' j-mcclurg@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

□

Just a note on the TW100 with two mics on ebay right now. When he says "parts, not working" he means it.

I bought the other one he had up last week and I arrived today, OOOOOOOOOP's

It was complete and looks good BUT, no power out, receiver deaf, keypad flakey. unable to enter Scan channels etc.....

Nothing against the guy, mine showed up fast and was as advertized, but I would have offered less had I known the shape it was in electronically.

:-(:-(

Does anyone have a Service Manual for the "4 Knob (+- 1989)" version of the TW100?? The insides "looks" the same but I would like to have a correct copy if possibe.

Thanks,

Chuck
N7UVZ

1322. Re: [transworld_radio] TW100 on ebay

Yahoo group: transworld_radio
Date: 2015-06-21 03:54:06 UTC
From: Chuck
Topic: 1320 Message: 1322

John:

I have looked both on the Group files and on line but the Manual that I find is for the "1989 Switch" version.

The earlier one had four knobs to select the various features they then went to the later version.

Thanks for the reply.....

Chuck

----- Original Message -----
From: 'John's Business Accnt.' tekwest@... [transworld_radio]
To: transworld_radio@yahoogroups.com
Sent: Saturday, June 20, 2015 6:14 PM
Subject: Re: [transworld_radio] TW100 on ebay

It's downloadable online at no cost. Do a search for TW100 I think it's about 10mb file.

73,

John
W6DAX

Sent from my iPhone

On Jun 20, 2015, at 7:55 PM, 'Chuck' j-mcclurg@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

☐ <SNIP>

1323. Re: [transworld_radio] TW100 on ebay

Yahoo group: transworld_radio
Date: 2015-06-21 03:06:18 UTC
From: Dennis
Topic: 1320 Message: 1323

They are the same radio.
I have never noticed any difference between the modules.
The primary reason for the change from 4 knob, to 2 knob & switches, was the ease of adding options. It was hard to add options to the 4 knob version having very limited switch positions. Ever look as a 4 knob radio that has selcall and you'll easily see the problem. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'Chuck' j-mcclurg@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, June 20, 2015 10:54 PM
Subject: Re: [transworld_radio] TW100 on ebay

<!--#yiv6827557958 #yiv6827557958 .yiv6827557958ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6827557958 div.yiv6827557958ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6827557958 div.yiv6827557958photo-title a, #yiv6827557958 div.yiv6827557958photo-title a:active, #yiv6827557958 div.yiv6827557958photo-title a:hover, #yiv6827557958 div.yiv6827557958photo-title a:visited {text-decoration:none;}#yiv6827557958 div.yiv6827557958attach-table div.yiv6827557958attach-row {clear:both;}#yiv6827557958 div.yiv6827557958attach-table div.yiv6827557958attach-row div {float:left;}#yiv6827557958 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6827557958 div.yiv6827557958ygrp-file {width:30px;}#yiv6827557958 div.yiv6827557958attach-table div.yiv6827557958attach-row div div a {text-decoration:none;}#yiv6827557958 div.yiv6827557958attach-table div.yiv6827557958attach-row div div span {font-weight:normal;}#yiv6827557958 div.yiv6827557958ygrp-file-title {font-weight:bold;}#yiv6827557958 --> ☐

John: I have looked both on the Group files and on line but the Manual that I find is for the "1989 Switch" version. The earlier one had four knobs to select the various features they then went to the later version. Thanks for the reply..... Chuck
----- Original Message ----- From: 'John's Business Accnt.' tekwest@... [transworld_radio] To: transworld_radio@yahoogroups.com Sent: Saturday, June 20, 2015 6:14 PM Subject: Re: [transworld_radio] TW100 on ebay
  It's downloadable online at no cost. Do a search for TW100 I think it's about 10mb file.
73,
John W6DAX

Sent from my iPhone
On Jun 20, 2015, at 7:55 PM, 'Chuck' j-mcclurg@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

☐ <SNIP>

1324. TW 100 No meter movement

Yahoo group: transworld_radio
Date: 2015-06-27 20:49:46 UTC
From: Andrew Mazuch
Topic: 1324 Message: 1324

I have been reading the service manual and it looks like I have a choice of a relay on the M7 board or issues with M8. I am more inclined to go for the M8 first as it is easy to get to. So I seek the wisdom of the group.
The TW-100 SN 64088-DQ Four knob style

Thanks
John Mazuch/KK4EBL

1325. Re: [transworld_radio] TW 100 No meter movement

Yahoo group: transworld_radio
Date: 2015-06-27 21:11:18 UTC
From: Dennis
Topic: 1324 Message: 1325

I assume the question is why does your front panel meter not work?Also assuming you have tested it and it's not opened up?Again, assuming that the radio is otherwise functioning normally?
Does it not work in either TX or rec? Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Andrew Mazuch ajmazuch@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, June 27, 2015 3:49 PM
Subject: [transworld_radio] TW 100 No meter movement

<!--#yiv0821026707 #yiv0821026707 .yiv0821026707ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0821026707 div.yiv0821026707ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv0821026707 div.yiv0821026707photo-title a, #yiv0821026707 div.yiv0821026707photo-title a:active, #yiv0821026707 div.yiv0821026707photo-title a:hover, #yiv0821026707 div.yiv0821026707photo-title a:visited {text-decoration:none;}#yiv0821026707 div.yiv0821026707attach-table div.yiv0821026707attach-row {clear:both;}#yiv0821026707 div.yiv0821026707attach-table div.yiv0821026707attach-row div {float:left;}#yiv0821026707 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0821026707 div.yiv0821026707ygrp-file {width:30px;}#yiv0821026707 div.yiv0821026707attach-table div.yiv0821026707attach-row div div a {text-decoration:none;}#yiv0821026707 div.yiv0821026707attach-table div.yiv0821026707attach-row div div span {font-weight:normal;}#yiv0821026707 div.yiv0821026707ygrp-file-title {font-weight:bold;}#yiv0821026707 --> <!--#yiv0821026707 #yiv0821026707ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0821026707 #yiv0821026707ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0821026707 #yiv0821026707ygrp-mkp #yiv0821026707hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv0821026707 #yiv0821026707ygrp-mkp #yiv0821026707ads {margin-bottom:10px;}#yiv0821026707 #yiv0821026707ygrp-mkp .yiv0821026707ad {padding:0 0;}#yiv0821026707 #yiv0821026707ygrp-mkp .yiv0821026707ad p {margin:0;}#yiv0821026707 #yiv0821026707ygrp-mkp .yiv0821026707ad a {color:#0000ff;text-decoration:none;}-->

I have been reading the service manual and it looks like I have a choice of a relay on the M7 board or issues with M8. I am more inclined to go for the M8 first as it is easy to get to. So I seek the wisdom of the group. The TW-100 SN 64088-DQ Four knob style
ThanksJohn Mazuch/KK4EBL

1326. Re: [transworld_radio] TW 100 No meter movement

Yahoo group: transworld_radio
Date: 2015-06-27 22:17:01 UTC
From: Andrew Mazuch
Topic: 1324 Message: 1326

Thanks for the reply Dennis I opened it and the fuse is not blown and I'm just wondering what to do next there is no meter movement I did notice that whenever I tune to a frequency it takes it time to get on that frequency and and so you know when I saw that I stopped using it and I'm just kinda taking caution here if you will
On Jun 27, 2015 5:11 PM, "Dennis spike.dennis@yahoo.com [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

>
>
> I assume the question is why does your front panel meter not work?
> Also assuming you have tested it and it's not opened up?
> Again, assuming that the radio is otherwise functioning normally?
> Does it not work in either TX or rec?
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---
> *From:* "Andrew Mazuch ajmazuch@... [transworld_radio]" <
> transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, June 27, 2015 3:49 PM
> *Subject:* [transworld_radio] TW 100 No meter movement
>
>
>
> I have been reading the service manual and it looks like I have a choice
> of a relay on the M7 board or issues with M8. I am more inclined to go for
> the M8 first as it is easy to get to. So I seek the wisdom of the group.
> The TW-100 SN 64088-DQ Four knob style
>
> Thanks
> John Mazuch/KK4EBL
>
>
>
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>

1327. Re: [transworld_radio] TW 100 No meter movement

Yahoo group: transworld_radio
Date: 2015-06-27 22:18:45 UTC
From: Andrew Mazuch
Topic: 1324 Message: 1327

At all so no matter movement during receive and no meter movement on transmit
On Jun 27, 2015 5:11 PM, "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

>
>
> I assume the question is why does your front panel meter not work?
> Also assuming you have tested it and it's not opened up?
> Again, assuming that the radio is otherwise functioning normally?
> Does it not work in either TX or rec?
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ----------
> *From:* "Andrew Mazuch ajmazuch@windstream.net [transworld_radio]" <
> transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, June 27, 2015 3:49 PM
> *Subject:* [transworld_radio] TW 100 No meter movement
>
>
>
> I have been reading the service manual and it looks like I have a choice
> of a relay on the M7 board or issues with M8. I am more inclined to go for
> the M8 first as it is easy to get to. So I seek the wisdom of the group.
> The TW-100 SN 64088-DQ Four knob style
>
> Thanks
> John Mazuch/KK4EBL
>
>
>
>
>
>

1328. Re: [transworld_radio] TW 100 No meter movement

Yahoo group: transworld_radio
Date: 2015-06-27 22:53:46 UTC
From: Dennis
Topic: 1324 Message: 1328

I still don't know if the issue is with the meter, it's associated circuitry, or if the radio itself has problems?
The meter movement can be tested with an ohm meter across it's terminals. The ohm meter will read very low resistance(if not a short), and the meter movement itself will deflect because of the voltage the ohm meter injects as part of the measurement process. Because of this you want the test meter on it's lowest scale, and to move quickly so as to not damage the meter movement under test. An analog test meter would be best.
I hope you already knew all this as otherwise maybe troubleshooting should be closely supervised by someone with more experience.

In any event, the meter function of the TW100 is sluggish even when it works. Both transmit & receive indications are arbitrary to the extreme. Still it is nice to be able to watch it wiggle even if it's just a little bit. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Andrew Mazuch ajmazuch@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, June 27, 2015 5:17 PM
Subject: Re: [transworld_radio] TW 100 No meter movement

#yiv8105873505 #yiv8105873505 -- #yiv8105873505 .yiv8105873505ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv8105873505
div.yiv8105873505ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv8105873505
div.yiv8105873505photo-title a, #yiv8105873505 div.yiv8105873505photo-title a:active,
#yiv8105873505 div.yiv8105873505photo-title a:hover, #yiv8105873505
div.yiv8105873505photo-title a:visited {text-decoration:none;}#yiv8105873505
div.yiv8105873505attach-table div.yiv8105873505attach-row {clear:both;}#yiv8105873505
div.yiv8105873505attach-table div.yiv8105873505attach-row div {float:left;}#yiv8105873505
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv8105873505
div.yiv8105873505ygrp-file {width:30px;}#yiv8105873505 div.yiv8105873505attach-table
div.yiv8105873505attach-row div div a {text-decoration:none;}#yiv8105873505
div.yiv8105873505attach-table div.yiv8105873505attach-row div div span
{font-weight:normal;}#yiv8105873505 div.yiv8105873505ygrp-file-title
{font-weight:bold;}#yiv8105873505 #yiv8105873505 #yiv8105873505 #yiv8105873505
--#yiv8105873505ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px
0;padding:0 10px;}#yiv8105873505 #yiv8105873505ygrp-mkp hr {border:1px solid
#d8d8d8;}#yiv8105873505 #yiv8105873505ygrp-mkp #yiv8105873505hd
{color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv8105873505 #yiv8105873505ygrp-mkp #yiv8105873505ads
{margin-bottom:10px;}#yiv8105873505 #yiv8105873505ygrp-mkp .yiv8105873505ad {padding:0
0;}#yiv8105873505 #yiv8105873505ygrp-mkp .yiv8105873505ad p {margin:0;}#yiv8105873505

#yiv8105873505ygrp-mkp .yiv8105873505ad a
{color:#0000ff;text-decoration:none;}#yiv8105873505

Thanks for the reply Dennis I opened it and the fuse is not blown and I'm just wondering what to do next there is no meter movement I did notice that whenever I tune to a frequency it takes it time to get on that frequency and and so you know when I saw that I stopped using it and I'm just kinda taking caution here if you willOn Jun 27, 2015 5:11 PM, "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

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Does it not work in either TX or rec? Dennis Starks
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KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Andrew Mazuch ajmazuch@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, June 27, 2015 3:49 PM
Subject: [transworld_radio] TW 100 No meter movement

I have been reading the service manual and it looks like I have a choice of a relay on the M7 board or issues with M8. I am more inclined to go for the M8 first as it is easy to get to. So I seek the wisdom of the group. The TW-100 SN 64088-DQ Four knob style
ThanksJohn Mazuch/KK4EBL

1329. Re: [transworld_radio] TW 100 No meter movement

Yahoo group: transworld_radio
Date: 2015-06-28 00:29:44 UTC
From: Andrew Mazuch
Topic: 1324 Message: 1329

Yes good meter. I thought it was odd when it would tune slow. Do you know what I mean by that?
On Jun 27, 2015 6:53 PM, "Dennis spike.dennis@yahoo.com [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

>
>
> I still don't know if the issue is with the meter, it's associated
> circuitry, or if the radio itself has problems?
>
> The meter movement can be tested with an ohm meter across it's terminals.
> The ohm meter will read very low resistance(if not a short), and the meter
> movement itself will deflect because of the voltage the ohm meter injects
> as part of the measurement process. Because of this you want the test meter
> on it's lowest scale, and to move quickly so as to not damage the meter
> movement under test. An analog test meter would be best.
>
> I hope you already knew all this as otherwise maybe troubleshooting should
> be closely supervised by someone with more experience.
>
> In any event, the meter function of the TW100 is sluggish even when it
> works. Both transmit & receive indications are arbitrary to the extreme.
> Still it is nice to be able to watch it wiggle even if it's just a little
> bit.
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> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---
> *From:* "Andrew Mazuch ajmazuch@... [transworld_radio]" <
> transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, June 27, 2015 5:17 PM
> *Subject:* Re: [transworld_radio] TW 100 No meter movement
>
>
>
> Thanks for the reply Dennis I opened it and the fuse is not blown and I'm
> just wondering what to do next there is no meter movement I did notice that
> whenever I tune to a frequency it takes it time to get on that frequency
> and and so you know when I saw that I stopped using it and I'm just kinda

> taking caution here if you will
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> Also assuming you have tested it and it's not opened up?
> Again, assuming that the radio is otherwise functioning normally?
> Does it not work in either TX or rec?
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> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
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>
> ---
> *From:* "Andrew Mazuch ajmazuch@... [transworld_radio]" <
> transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, June 27, 2015 3:49 PM
> *Subject:* [transworld_radio] TW 100 No meter movement
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>
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> I have been reading the service manual and it looks like I have a choice
> of a relay on the M7 board or issues with M8. I am more inclined to go for
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> The TW-100 SN 64088-DQ Four knob style
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> Thanks
> John Mazuch/KK4EBL
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1330. Re: [transworld_radio] TW 100 No meter movement

Yahoo group: transworld_radio
Date: 2015-06-28 01:23:32 UTC
From: Andrew Mazuch
Topic: 1324 Message: 1330

So here's what I did got out the old Elecraft signal generator and injected 0db into it and tuned to the generator frequency in 20 meter band and the meter came to life working normal thank you
On Jun 27, 2015 6:53 PM, "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

>
>
> I still don't know if the issue is with the meter, it's associated
> circuitry, or if the radio itself has problems?
>
> The meter movement can be tested with an ohm meter across it's terminals.
> The ohm meter will read very low resistance(if not a short), and the meter
> movement itself will deflect because of the voltage the ohm meter injects
> as part of the measurement process. Because of this you want the test meter
> on it's lowest scale, and to move quickly so as to not damage the meter
> movement under test. An analog test meter would be best.
>
> I hope you already knew all this as otherwise maybe troubleshooting should
> be closely supervised by someone with more experience.
>
> In any event, the meter function of the TW100 is sluggish even when it
> works. Both transmit & receive indications are arbitrary to the extreme.
> Still it is nice to be able to watch it wiggle even if it's just a little
> bit.
>
> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
> ---
> *From:* "Andrew Mazuch ajmazuch@... [transworld_radio]" <
> transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, June 27, 2015 5:17 PM
> *Subject:* Re: [transworld_radio] TW 100 No meter movement
>
>
>
> Thanks for the reply Dennis I opened it and the fuse is not blown and I'm
> just wondering what to do next there is no meter movement I did notice that
> whenever I tune to a frequency it takes it time to get on that frequency

> and and so you know when I saw that I stopped using it and I'm just kinda
> taking caution here if you will
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> [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:
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>
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> Also assuming you have tested it and it's not opened up?
> Again, assuming that the radio is otherwise functioning normally?
> Does it not work in either TX or rec?
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> Dennis Starks
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> KBØSFP
> HFpack/Milpack, Monitor all:
> 3996usb, 5357usb, 7296usb,
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>
> ---
> *From:* "Andrew Mazuch ajmazuch@windstream.net [transworld_radio]" <
> transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, June 27, 2015 3:49 PM
> *Subject:* [transworld_radio] TW 100 No meter movement
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>
>
> I have been reading the service manual and it looks like I have a choice
> of a relay on the M7 board or issues with M8. I am more inclined to go for
> the M8 first as it is easy to get to. So I seek the wisdom of the group.
> The TW-100 SN 64088-DQ Four knob style
>
> Thanks
> John Mazuch/KK4EBL
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1331. Transworld Datron PRC-1088 Antenna?

Yahoo group: transworld_radio
Date: 2015-07-28 19:43:13 UTC
From: Dennis
Topic: 1331 Message: 1331

I'm still looking for the proper antenna, adapter, or anything else that will connect to the subject radio & make it useful. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1332. Re: [transworld_radio] Transworld Datron PRC-1088 Antenna?

Yahoo group: transworld_radio
Date: 2015-07-28 20:02:38 UTC
From: Alex J Rokowetz
Topic: 1331 Message: 1332

Dennis,
http://www.ebay.de/itm/Datron-AT892BB-Antenne-Antenne-NEU-/281408129751?pt=Militaria&hash=item41853b4ad7
AlexK2AJR
  From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>; "milpack@yahoogroups.com" <milpack@yahoogroups.com>
Sent: Tuesday, July 28, 2015 3:43 PM
Subject: [transworld_radio] Transworld Datron PRC-1088 Antenna?

  I'm still looking for the proper antenna, adapter, or anything else that will connect to the subject radio & make it useful. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1333. Still looking for TW100 mounts

Yahoo group: transworld_radio
Date: 2015-07-29 00:48:34 UTC
From: Dennis
Topic: 1333 Message: 1333

I'm still looking for TW100 mounts. Either 19" rack mount, or 'U' mounts, anything I can get. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1334. TW100F Alternate Microphones, Thales/Racal/MBIR, M-80 & it's variants

Yahoo group: transworld_radio
Date: 2015-07-29 17:38:41 UTC
From: Dennis
Topic: 1334 Message: 1334
Attachments: 1 described; binary payloads are missing from this source WARC

The subject of this message is two fold. #1, application considerations for the surplus Thales(and Racal) speaker/mic as used with the PRC-148, -152 etc. #2, suggested mics for use with the TW100F(FlyAway).
Subject #1, surplus speaker/mics that were originally used with MBIR radios like the PRC-148, -152 etc have been available for some time now. They range is price from as little as $15 for used(& unused) examples at hamfest & from surplus dealers, to over $50 on ebay.

As these audio devices use the now familiar U-329(6pin U-229) connector you'd think they'd work on any para-military type radio with a compatible connector. Not so! Other than the radios they were primarily designed for, their application is very limited. Several things complicate the use of these speaker/mics.
1st, they use a condenser microphone that is powered by the center pin of the connector.
2nd, there is not enough switching to disable it's speaker during transmit. The close proximity of the internal speaker & microphone causes feedback in radios with side tone.

So it's not enough to have a radio that uses the 6pin connector, it must also have a DC potential on that 6th pin to power the mic. Radios like the PRC-74, PRC-1099, numerous Southcom products, all use 6pin connectors with DC on the 6th pin. But alas, the speaker/mics are not usable with these radios either. This because as with most military radios, these all have side tone. There is not enough switching in the speaker/mic to disable the internal speaking during transmit, so you will experience extreme feedback if you try to use them for transmit.(note: radios like the PRC-126 use the 6th pin for data, connection of one of these spkr/mics will temporarily kill the radio).
So to summarize, to use one of these speaker/mics, you must have a radio with 6 pin connector that has DC potential on that 6th pin, and that does NOT have side tone. I have been inside the Racal variant and concluded that a modification for additional switching would be very difficult. I have not inspected the inside of the Thales. Subject #2, I can not sing the praises of the TW100F(FlyAaway) enough. It is an extremely versatile & effective radio set. While it is pretty easy to effectively modulate this radio with any of a very large selection of audio devices, doing so while conforming to some physical constrains is not so easy.
The original factory supplied mic for these radios is a variant of the Shure 404 hand mic. Though an exceptionally good mic, it is nearly, if not impossible, to fit this mic inside the FlyAway's case for transport, especially if you have any of the other vital accessories that must also fit in that limited space. Not if you expect to close the lid anyway. Not only that, this original equipment is very seldom included with the set when you find one.

Luckily, the TW100F was designed to use just about any U-229 equipped audio device. While this includes the H-189, H-250, H-350 etc handsets, and though these devices work just fine with the TW100F, their physical size limits their practicality.
The M-80 microphone is probably the most common military audio device ever made. It's been in use for over 40 years all over the world. It is in fact so common that most people have completely overlooked its consideration. In actuality it's audio response is pretty good, and it's 500 ohm dynamic mic element lends it to endless applications. Of primary concern with the TW100F is that it is a very THIN mic that will easily fit in the case of the

FlyAway, either around the outside edge of the radio, or even laying on top still allowing the lid to close.
The M-80 has been produced by NUMEROUS contractors over the years. While all are quite good physically, their performance varies wildly. Some will sound horrible on the air, while others excellent. Myself and others have conducted many on-the-air demonstrations comparing the audio quality of different M-80 contractors. The universal opinion is that those M-80's built by Electro-voice are consistently superior to those of any other contractor. They have both better sensitivity & frequency range. Sonetronics, which is the most common found, came in second. Some times as good as the Electro-voice, the Sonetronics does not exbit Electro-voice, it's audio quality ranges from acceptable to very good.
Selecting an M-80 for your HF radio. Bundles of military audio accessories are very common at many hamfest. The next time you come across one, search through it, pick out all those M-80's that were built by Electro-voice regardless of their condition. The mic element can be easily removed and used in other mics. The M-80 I use on my FlyAway is actually marked Sonetronics, but it has an Electro-voice mic element in it. I was lucky in that I had an Electro-voice M-80 with a band cord, and a Sonetronics with a busted hanger/hook, and bad element. An early M-80 with the small hanger/hook, or even one that has been broken off, are preferred for the TW100F as this makes storage in the case even easier. Especially if you file down the broken off hook-nub flat.
There is another advantage to the use of an M-80 mic in lieu of the more popular handsets, on a portable military radios, specifically if that radio is to also have a loud speaker connected. Using the PRC-25/77 as an example, all early, and most late model, portable military radios have very little audio output power. Some as little as 50mw or even less. This amount of audio output was only ever intended to drive the receiver element in a handset. Audio is often only just enough to be heard in a loud speaker(typically LS-454) if connected alone with no other audio devices in parallel with it. If you connect both an LS-454, and a handset(H-250 etc), that limited audio drive is then divided between the two audio devices. Use of an LS-454 and a M-80 allows ALL those precious few milliwatts of power go to the loud speaker alone.

TW100F & the MBIR speaker/mics(Thales/Racal). As noted above, finding a viable application for these really nice speaker/mics has not been easy. Consider now the TW100F. It can accept a 6pin U-229 type connector, has 12vdc on the 6th pin, and it does NOT have side tone. In addition, a physically small size is desirable to allow storage/transport in the FlyAway's case.
I had opportunity last night to try out a Thales speaker/mic on my Flyaway. Under very bad, summer time, 40 meter, night time, static crash plagued conditions. On the air preliminary reports were very encouraging. A-B comparison test were conducted with the speaker/mic and my M-80 mic with the following opinions rendered by W9RAN, W1NZR, and KJ5GT.The M-80 "sounded like me", primarily more mid & high frequency response which is better suited for intelligibility under poor conditions. The Thales "sounded good" was a little more sensitive, and hand more lower-mid range frequency response than the M-80. This often results in a more pleasant sounding signal preferred by many hams, but does not add to intelligibility under adverse conditions. So the Thales may well be a viable alternative for use with the TW100F subject primarily to personal preference.
A word on the Racal variant. I did a very expedient test with the TW100F a few months ago. It worked but sounded terrible. The mic was in horrible shape though & I had been dinking with it so this is not a valid test. The only other Racal speaker/mic I have on hand has been modified for use elsewhere. I'd be interested in hearing from anyone who has experimented with the use of either the Thales or the Racal.
The attached picture:

left-Thales, center-Racal, right M-80.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1335. Re: [transworld_radio] TW100F Alternate Microphones, Thales/Racal/MBIR, M-80 & it's variants [1 Attachment]

Yahoo group: transworld_radio
Date: 2015-07-29 17:52:30 UTC
From: Dennis
Topic: 1334 Message: 1335

My apologies. When I went to send the final draft of the preceding message yahoo-mail stuck and sent it back to the draft folder advising me to try later. I retrieved the message from the draft folder & sent it out not realizing that it was an unpolished draft version. So there a few holes in the text and some jumpy grammar, but there is enough there that you'll get the just of it. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1336. Re: [transworld_radio] TW100F Alternate Microphones, Thales/Racal/MBIR, M-80 & it's variants [1 Attachment]

Yahoo group: transworld_radio
Date: 2015-07-29 19:13:23 UTC
From: Brooke Clarke
Topic: 1334 Message: 1336

Hi Dennis:

Thanks for that writeup.

One comment on the H-250 and M-80. They both use noise canceling mike elements so the mike needs to be touching your
lips, not held 1 inch away.
This makes a huge difference in operation.
http://www.prc68.com/I/H250.shtml
http://www.prc68.com/I/M80.shtml
Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
Dennis spike.dennis@... [transworld_radio] wrote:
> [Attachment(s) <#TopText> from Dennis included below]
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> as used with the PRC-148, -152 etc.#2, suggested mics for use with the TW100F(FlyAway).
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> 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>
>
>

1337. New file uploaded to transworld_radio

Yahoo group: transworld_radio
Date: 2015-08-05 01:27:00 UTC
From: transworld_radio@yahoogroups.com
Topic: 200 Message: 1337

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the transworld_radio
group.

File : /Manuals/7000ENCR MSOP Series High Level Encryption.pdf
Uploaded by : k2ajr <belarok@...>
Description : 7000 Encryption - Operating Manual - October 2004, Rev B

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/transworld_radio/files/Manuals/7000ENCR%20MSOP%20Series%20High%20Level%20Encryption.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

k2ajr <belarok@...>

1338. TW100F -

Yahoo group: transworld_radio
Date: 2015-08-09 15:15:04 UTC
From: Mike Feher
Topic: 1338 Message: 1338

Well, just when I was considering disposing of most of my Transworld stuff, I went ahead and bought the 100F that was on eBay along with the power pack. They both appear to have been never, or hardly used. With the minimal testing so far, the 100F seems to work OK. Unfortunately all 7 of the batteries in the power case are dead and will not take a charge. I have about 30 or so extras in the basement, but, I did not take care of them and have not charged some of them in over 20 years, so, they are all dead also, and are not chargeable. Amazon had the best deal on the batteries, and they only had 8, so I ordered 7 of them. So, besides what I paid for the radio and the battery case, I can add $300 on top of it for the new batteries. It seems the only thing I am missing is the connecting cable between the battery pack and the rig. 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1339. Re: [transworld_radio] TW100F -

Yahoo group: transworld_radio
Date: 2015-08-09 15:40:13 UTC
From: Dennis
Topic: 1338 Message: 1339

Your missing a little more than just that cable. Originally the set included two black Naugahyde bags with accessories. The pictures in that sale only showed one. One contained the wire antenna on looms, the other contained the DC cable and AC adapters, spare fuses etc.

The DC power connector on the TW100F, though it looks conventional, it's a bastard. The part number has been listed several times in our archives. I'm not sure what the connector on the battery case is. Bill Perry is where we got all our connectors, he builds up the DC connector from new parts. Dennis Starks
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From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Sunday, August 9, 2015 10:15 AM
Subject: [transworld_radio] TW100F -

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1255ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:whi
te;border:1px solid black;height:62px;width:62px;}#yiv1157911255
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#yiv1157911255 div.yiv1157911255photo-title a:hover, #yiv1157911255
div.yiv1157911255photo-title a:visited {text-decoration:none;}#yiv1157911255
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div.yiv1157911255attach-row div div a {text-decoration:none;}#yiv1157911255
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{font-family:Calibri;panose-1:2 15 5 2 2 2 4 3 2 4;} _filtered #yiv1157911255
{font-family:Consolas;panose-1:2 11 6 9 2 2 4 3 2 4;}#yiv1157911255 #yiv1157911255
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div.yiv1157911255MsoNormal
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{color:blue;text-decoration:underline;}#yiv1157911255 a:visited, #yiv1157911255
span.yiv1157911255MsoHyperlinkFollowed
{color:purple;text-decoration:underline;}#yiv1157911255 span.yiv1157911255EmailStyle17
{font-family:"Calibri", "sans-serif";color:windowtext;}#yiv1157911255

.yiv1157911255MsoChpDefault {font-family:"Calibri", "sans-serif";} _filtered #yiv1157911255 {margin:1.0in 1.0in 1.0in 1.0in;}#yiv1157911255 div.yiv1157911255WordSection1 {}-->

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1340. RE: [transworld_radio] TW100F -

Yahoo group: transworld_radio
Date: 2015-08-09 15:53:20 UTC
From: Mike Feher
Topic: 1338 Message: 1340

Yes, Dennis – I realize about the antennas, but, I have so many of that type that it does not matter. I do have one of the DC connectors as it came with the set, but, it has clip leads for a different power source. You may be right, but, it does not look that difficult to me, at least not yet, HI. I do have the different AC adapters and some fuses, but, do not really need the AC adaptors. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, August 09, 2015 11:40 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW100F -

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1341. Datron?

Yahoo group: transworld_radio
Date: 2015-08-15 01:08:11 UTC
From: Mike Feher
Topic: 1341 Message: 1341

Has anyone ever tried to contact Datron to obtain items for Transworld rigs? Specifically I am looking to see if they have connectors or cables to go between the TW100F and the TW100PP. I am also considering just putting a couple of binding posts on the power supply so it can be used for anything I may want. Just received the batteries from Amazon yesterday. 73 - Mike

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1342. Re: [transworld_radio] Datron?

Yahoo group: transworld_radio
Date: 2015-08-15 02:00:28 UTC
From: Alex J Rokowetz
Topic: 1341 Message: 1342

Mike,
Over the years I have had Datron construct cables for the 100 series radios. If I remember correctly, one of the cables they prepared for me was an interface cable for the TW100F and TW9000 Message Terminal. I stopped going them to for cables several years ago once I felt confident enough to build my own It's generally much more cost effective.
As long as they have the connectors in stock, I am sure they will be happy to put one together for you. Only thing is they charge a pretty penny. The cable you described is a fairly easy one to construct. From your posts I am certain building one is within your skillset. Is there a reason you don't want to piece it together yourself?

AlexK2AJR
From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, August 14, 2015 9:08 PM
Subject: [transworld_radio] Datron?

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1343. RE: [transworld_radio] Datron?

Yahoo group: transworld_radio
Date: 2015-08-15 02:28:17 UTC
From: Mike Feher
Topic: 1341 Message: 1343

Alex –

Thanks for sharing your experience. Always good and welcome. By all means if they have the connectors, I would rather just buy them as I can see multiple uses and then I do not have to modify the power supply front panel for binding posts but make a generic cable for other rigs. I would just need on connector for the TW100F and two or three for the power supply. That is indeed the preferable option. Both units are in essentially mint condition as you probably saw on eBay. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Friday, August 14, 2015 10:00 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Datron?

Mike,

Over the years I have had Datron construct cables for the 100 series radios. If I remember correctly, one of the cables they prepared for me was an interface cable for the TW100F and TW9000 Message Terminal. I stopped going them to for cables several years ago once I felt confident enough to build my own It's generally much more cost effective.

As long as they have the connectors in stock, I am sure they will be happy to put one together for you. Only thing is they charge a pretty penny. The cable you described is a fairly easy one to construct. From your posts I am certain building one is within your skillset. Is there a reason you don't want to piece it together yourself?

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, August 14, 2015 9:08 PM
Subject: [transworld_radio] Datron?

Has anyone ever tried to contact Datron to obtain items for Transworld rigs? Specifically I am looking to see if they have connectors or cables to go between the TW100F and the TW100PP. I am also considering just putting a couple of binding posts on the power supply

so it can be used for anything I may want. Just received the batteries from Amazon yesterday. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1344. Re: Datron?

Yahoo group: transworld_radio
Date: 2015-08-15 16:39:31 UTC
From: W4AFK
Topic: 1341 Message: 1344

Hi Mike,

I run Sales Engineering for DATRON (been there since the early 90's... the latter part of the TRANSWORLD days), but I am located in our Florida offices. This being said, yes, we do build those Transworld items and yes, they can be expensive as we typically cater to the government and military markets, which requires lots of admin/overhead stuff. As it was suggested, the best way is to build the cable yourself or have a ham friend do it. However, feel free to contact our customer service deparment.

By the way, many of the old TRANSWORLD items have long been obsoleted and it is highly possible that some of these legacy items might no longer be readily be available (read = can be very pricey to supply). On the HF side and since I have been there, we went from the 100 series to the 7000 series (which has constantly been updated) and now offer the 7700H series. The latter series is ITAR restricted SDR products with with built-in 2G/3G ALE, 110B data (19.2kbps in ISB), MELPe, COMSEC and TRANSEC capabilities. We have supplied and commisioned complete transceiver and split-site based solutions up to 10kW with the ability of going up to 20kW if required.

By the way in "Sales Engineering", we work with customers to design fully integrated and custom communication solutions. "Sales" markets them and "Engineering" addresses the product ascpects. We joke about this but I often quoted to the press that we are "Artists"... we start with a blank canvas and together with the customer we design an integrated solution that satisfies their needs. After all, I don't want to infringe on the "Imagineering" term used by Disney... but it's pretty similar :-)
--
Bruno Haineault, W4AFK
[Local: Yaesu FTDX-1200, TARHEEL LT-II & Heil PR-781 mic. Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig - see QRZ]

1345. Re: [transworld_radio] Datron?

Yahoo group: transworld_radio
Date: 2015-08-15 17:07:44 UTC
From: Alex J Rokowetz
Topic: 1341 Message: 1345

Mike,
I think I missed your point in the previous email. I didn't realize you were only looking for connectors. The connectors for the TW100PP are easily sourced. There are some cheap ones on eBay that have the hermetic backshell: search for eBay item 121626012889
The power connector on the flyaway is harder to source. The only reliable source I have identified is PEI Genesis and in my opinion is pricey... about $65. the part number is CA3106E12S-A10P.
CA3106E12S-A10P ITT Cannon 5015 Connector Buy @ PEI-Genesis CA3106E12SA10P
| |
| | | | | | | |
| CA3106E12S-A10P ITT Cannon 5015 Connector Buy @ P...ITT Cannon 5015 Connector CA3106E12S-A10P. Real time price and stock availability. QPL/DoD Approved Franchised Assembler. We have the inventory... |
| |
| View on www.peigenesis.com | Preview by Yahoo |
| |
| |

I should also mention that Datron has a $100 minimum per order.

Hope this info is helpful.
AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, August 14, 2015 10:28 PM
Subject: RE: [transworld_radio] Datron?

  Alex – Thanks for sharing your experience. Always good and welcome. By all means if they have the connectors, I would rather just buy them as I can see multiple uses and then I do not have to modify the power supply front panel for binding posts but make a generic cable for other rigs. I would just need on connector for the TW100F and two or three for the power supply. That is indeed the preferable option. Both units are in essentially mint condition as you probably saw on eBay. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Friday, August 14, 2015 10:00 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Datron? Mike, Over the years I have had Datron construct cables for the 100 series radios. If I remember correctly, one of the cables they prepared for me was an interface cable for the TW100F and TW9000 Message Terminal. I stopped going them to for cables several years ago once I felt confident enough to build my own It's generally much more cost effective.

As long as they have the connectors in stock, I am sure they will be happy to put one together for you. Only thing is they charge a pretty penny. The cable you described is a fairly easy one to construct. From your posts I am certain building one is within your skillset. Is there a reason you don't want to piece it together yourself?

AlexK2AJR From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, August 14, 2015 9:08 PM
Subject: [transworld_radio] Datron? Has anyone ever tried to contact Datron to obtain items for Transworld rigs? Specifically I am looking to see if they have connectors or cables to go between the TW100F and the TW100PP. I am also considering just putting a couple of binding posts on the power supply so it can be used for anything I may want. Just received the batteries from Amazon yesterday. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1346. TWC-10A

Yahoo group: transworld_radio
Date: 2015-08-15 17:11:38 UTC
From: enmicasa2014@...
Topic: 1346 Message: 1346

Hi, can some one supply one user´s or service manual for that TWC-10A HF transceiver ?

http://www.radiomuseum.org/images/radio/transworld/hf_transceiver_twc_10a_1740666.jpg
http://www.radiomuseum.org/images/radio/transworld/hf_transceiver_twc_10a_1740666.jpg

http://www.radiomuseum.org/images/radio/transworld/hf_transceiver_twc_10a_1740666.jpg

http://www.radiomuseum.org/images/radio/transworld/hf_...
http://www.radiomuseum.org/images/radio/transworld/hf_transceiver_twc_10a_1740666.jpg

View on www.radiomuseum.org
http://www.radiomuseum.org/images/radio/transworld/hf_transceiver_twc_10a_1740666.jpg
Preview by Yahoo

1347. RE: [transworld_radio] Datron?

Yahoo group: transworld_radio
Date: 2015-08-15 17:28:03 UTC
From: Mike Feher
Topic: 1341 Message: 1347

Alex –

As usual, that is great info. I just ordered three of them. I already have one connector for the radio, but it has clip lead on the other end. I will just cut that cable in the middle and insert a common power pole or such connector there, and then I will easily be able to use it anyway that is convenient. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, August 15, 2015 1:08 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Datron?

Mike,

I think I missed your point in the previous email. I didn't realize you were only looking for connectors. The connectors for the TW100PP are easily sourced. There are some cheap ones on eBay that have the hermetic backshell: search for eBay item 121626012889

The power connector on the flyaway is harder to source. The only reliable source I have identified is PEI Genesis and in my opinion is pricey... about $65. the part number is CA3106E12S-A10P.

CA3106E12S-A10P ITT Cannon 5015 Connector Buy @ PEI-Genesis CA3106E12SA10P
<http://www.peigenesis.com/en/shop/part-information/CA3106E12SA10P/CAN/EACH/133739.html>

<http://www.peigenesis.com/en/shop/part-information/CA3106E12SA10P/CAN/EACH/133739.html>
image

<http://www.peigenesis.com/en/shop/part-information/CA3106E12SA10P/CAN/EACH/133739.html>
CA3106E12S-A10P ITT Cannon 5015 Connector Buy @ P...

ITT Cannon 5015 Connector CA3106E12S-A10P. Real time price and stock availability. QPL/DoD Approved Franchised Assembler. We have the inventory...

<http://www.peigenesis.com/en/shop/part-information/CA3106E12SA10P/CAN/EACH/133739.html>
View on www.peigenesis.com

Preview by Yahoo

I should also mention that Datron has a $100 minimum per order.

Hope this info is helpful.

Alex

K2AJR

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, August 14, 2015 10:28 PM
Subject: RE: [transworld_radio] Datron?

Alex –

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Mike B. Feher, N4FS

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Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Friday, August 14, 2015 10:00 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Datron?

Mike,

Over the years I have had Datron construct cables for the 100 series radios. If I remember correctly, one of the cables they prepared for me was an interface cable for the TW100F and TW9000 Message Terminal. I stopped going them to for cables several years ago once I felt confident enough to build my own It's generally much more cost effective.

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Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com

Sent: Friday, August 14, 2015 9:08 PM
Subject: [transworld_radio] Datron?

Has anyone ever tried to contact Datron to obtain items for Transworld rigs? Specifically I am looking to see if they have connectors or cables to go between the TW100F and the TW100PP. I am also considering just putting a couple of binding posts on the power supply so it can be used for anything I may want. Just received the batteries from Amazon yesterday. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1348. Re: [transworld_radio] TWC-10A

Yahoo group: transworld_radio
Date: 2015-08-15 18:03:49 UTC
From: Alex J Rokowetz
Topic: 1346 Message: 1348

Hello. I don't know much about this series. I have one technical manual that covers the TW4B, TW4M, & TW10B radios. I have not scanned it to PDF though. They look very different than the photo you included in your post. I have nothing for the TWC10A. Maybe another group member has what you are looking for.
AlexK2AJR
From: "enmicasa2014@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, August 15, 2015 1:11 PM
Subject: [transworld_radio] TWC-10A

  Hi, can some one supply one user´s or service manual for that TWC-10A HF transceiver ?

http://www.radiomuseum.org/images/radio/transworld/hf_transceiver_twc_10a_1740666.jpg
| |
| | | | http://www.radiomuseum.org/images/radio/transworld/hf_... | |
| View on www.radiomuseum.org | Preview by Yahoo |
| |

1349. TW100 TRANSISTORS

Yahoo group: transworld_radio
Date: 2015-08-16 11:49:26 UTC
From: G. Lofstead
Topic: 1349 Message: 1349

DOES ANYONE HAVE A STANDARD PART FOR THE PA AND DRIVER TRANSISTORS FOR THE TW100?
THANKSJERRYW3CDEATLANTA

1350. Re: [transworld_radio] TW100 TRANSISTORS

Yahoo group: transworld_radio
Date: 2015-08-16 12:00:03 UTC
From: Dennis
Topic: 1349 Message: 1350

Found in our message archives that you asked this same question and received an answer back in October of 2014.
Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "'G. Lofstead' w3cde@bellsouth.net [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Sunday, August 16, 2015 6:49 AM
Subject: [transworld_radio] TW100 TRANSISTORS

<!--#yiv1045792890 #yiv1045792890 .yiv1045792890ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv1045792890 div.yiv1045792890ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv1045792890 div.yiv1045792890photo-title a, #yiv1045792890 div.yiv1045792890photo-title a:active, #yiv1045792890 div.yiv1045792890photo-title a:hover, #yiv1045792890 div.yiv1045792890photo-title a:visited {text-decoration:none;}#yiv1045792890 div.yiv1045792890attach-table div.yiv1045792890attach-row {clear:both;}#yiv1045792890 div.yiv1045792890attach-table div.yiv1045792890attach-row div {float:left;}#yiv1045792890 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv1045792890 div.yiv1045792890ygrp-file {width:30px;}#yiv1045792890 div.yiv1045792890attach-table div.yiv1045792890attach-row div div a {text-decoration:none;}#yiv1045792890 div.yiv1045792890attach-table div.yiv1045792890attach-row div div span {font-weight:normal;}#yiv1045792890 div.yiv1045792890ygrp-file-title {font-weight:bold;}#yiv1045792890 -->

DOES ANYONE HAVE A STANDARD PART FOR THE PA AND DRIVER TRANSISTORS FOR THE TW100?
THANKSJERRYW3CDEATLANTA

1351. my husband, Rick Lutzinger, passed away in Dec. 2014

Yahoo group: transworld_radio
Date: 2015-08-17 10:02:08 UTC
From: Rick Lutzinger
Topic: 1351 Message: 1351

My husband, Rick Lutzinger, passed away in Dec. 2014. PLEASE remove his name from your email lists.
Thank you,
Mrs. Lutzinger

1352. looking for parts for TW100, M2 module, transformer

Yahoo group: transworld_radio
Date: 2015-08-18 13:29:02 UTC
From: george@...
Topic: 1352 Message: 1352

Looking for a M2 1650 khz IF module (M2) for a TW100 or the crystals that make up the LSB filter Y7-12 pn's 361006 (x2), 361005 (x2) 361007(x1), 361008(x1) L5 and 6 - 420018 (x2). Also need a power xfmr pn 410026. In case anyone has these from a parted out radio and wants to sell.

GeorgeC
W2DB

1353. Re: [transworld_radio] Re: Datron?

Yahoo group: transworld_radio
Date: 2015-08-31 23:08:49 UTC
From: Sean Kelly
Topic: 1341 Message: 1353

Bruno,

I wonder if a customer ever got a PRC-1099A with narrow filters for CW? That is if it is not one of the items that got 'obsoleted.' A story of $58,000 (in 1980's dollars - over twice that now) R-390As has been told. They needed to re-tool to be able to make new ones. The eBayer who was selling PRC-320s w/LSB is refusing to sell them to U.S.A. customers due to excessive damage claims.

Thanks,

Sean Kelly from the Armyradios Yahoo Group

From: transworld_radio@yahoogroups.com <transworld_radio@yahoogroups.com> on behalf of W4AFK w4afk.florida@...m [transworld_radio] <transworld_radio@yahoogroups.com>
Sent: Saturday, August 15, 2015 9:39 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Re: Datron?

Hi Mike,

I run Sales Engineering for DATRON (been there since the early 90's... the latter part of the TRANSWORLD days), but I am located in our Florida offices. This being said, yes, we do build [Yahoo! Groups] <https://groups.yahoo.com/neo;_ylc=X3oDMTJlZG04amp2BF9TAzk3NDc2NTkwBGdycElkAzExMTY5MzQwBGdycHNwSWQDMTcwODM5NjM3OQRzZWMDZnRyBHNsawNnZnAEc3RpbWUDMTQzOTY1Njc3NA-> * Privacy<https://info.yahoo.com/privacy/us/yahoo/groups/details.html> * Unsubscribe<mailto:transworld_radio-unsubscribe@yahoogroups.com?subject=Unsubscribe> * Terms of Use<https://info.yahoo.com/legal/us/yahoo/utos/terms/>

.

1354. Re: [transworld_radio] Re: Datron?

Yahoo group: transworld_radio
Date: 2015-08-31 23:17:43 UTC
From: Dennis
Topic: 1341 Message: 1354

I'm not sure I understand Sean's question, or statement. perhaps too may type-O's.
Regard the PRC-320 & damage claims, I'd sooner think the problem was with them being shipped out inoperable & US hams complaining about it.
I know of one seller being banned from QTH placing ads, and 2 US buyers that did not get what they paid for. Neither was a result of in transit damage Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
From: "Sean Kelly xraydeltaone@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>; Sean Kelly <xraydeltaone@...>
Sent: Monday, August 31, 2015 6:08 PM
Subject: Re: [transworld_radio] Re: Datron?

#yiv3692050315 #yiv3692050315 -- #yiv3692050315 .yiv3692050315ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3692050315
div.yiv3692050315ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv3692050315
div.yiv3692050315photo-title a, #yiv3692050315 div.yiv3692050315photo-title a:active,
#yiv3692050315 div.yiv3692050315photo-title a:hover, #yiv3692050315
div.yiv3692050315photo-title a:visited {text-decoration:none;}#yiv3692050315
div.yiv3692050315attach-table div.yiv3692050315attach-row {clear:both;}#yiv3692050315
div.yiv3692050315attach-table div.yiv3692050315attach-row div {float:left;}#yiv3692050315
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3692050315
div.yiv3692050315ygrp-file {width:30px;}#yiv3692050315 div.yiv3692050315attach-table
div.yiv3692050315attach-row div div a {text-decoration:none;}#yiv3692050315
div.yiv3692050315attach-table div.yiv3692050315attach-row div div span
{font-weight:normal;}#yiv3692050315 div.yiv3692050315ygrp-file-title
{font-weight:bold;}#yiv3692050315 #yiv3692050315 #yiv3692050315 #yiv3692050315 -- P
{margin-top:0;margin-bottom:0;}#yiv3692050315

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Thanks,Sean Kelly from the Armyradios Yahoo Group

From: transworld_radio@yahoogroups.com <transworld_radio@yahoogroups.com> on behalf of W4AFK w4afk.florida@... [transworld_radio] <transworld_radio@yahoogroups.com>
Sent: Saturday, August 15, 2015 9:39 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Re: Datron? Hi Mike,

I run Sales Engineering for DATRON (been there since the early 90's... the latter part of the TRANSWORLD days), but I am located in our Florida offices. This being said, yes, we do build •Privacy • Unsubscribe • Terms of Use
.

1355. AT7000 antenna tuner

Yahoo group: transworld_radio
Date: 2015-09-14 13:42:06 UTC
From: vk5abc@...
Topic: 1355 Message: 1355

Hello All

Anyone got a list of commands for the TransWorld AT7000 antenna tuner?

73's Lee.

1356. WANTED: RAT1000... DEAD OR ALIVE

Yahoo group: transworld_radio
Date: 2015-09-22 18:12:28 UTC
From: belarok@...
Topic: 1356 Message: 1356

Group members,

This is my periodic post for a RAT1000 tuner. I'm looking for a RAT1000 for use with my RT100 radio and RA400 amplifier. Hopefully someone has a RAT1000 tuner (or RAT400) they are not using or knows of one that is lurking in the shadows waiting to be be dusted off an put to good use. I promise it's going to a good home where it will be well cared for and most importantly given an opportunity to live a purposeful life.

I'm open to trades, partial trades, or a cash sale.

Thanks for the bandwidth.

Alex
K2AJR

1357. Re: [transworld_radio] WANTED: RAT1000... DEAD OR ALIVE

Yahoo group: transworld_radio
Date: 2015-09-22 19:15:47 UTC
From: Dave Panek
Topic: 1356 Message: 1357

Alex,
Several years ago I had a RAT1000 tuner. It is a GIANT version of the RAT100 tuner with solenoids instead of relays. I currently use a Harris RF382 which was designed for 400 watts in digital modes ie high duty cycle. Been using the Harris tuner for 17 years.

On 9/22/2015 2:12 PM, belarok@... [transworld_radio] wrote:
>
> Group members,
>
> This is my periodic post for a RAT1000 tuner. I'm looking for a
> RAT1000 for use with my RT100 radio and RA400 amplifier. Hopefully
> someone has a RAT1000 tuner (or RAT400) they are not using or knows of
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> to good use. I promise it's going to a good home where it will be
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> purposeful life.
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> I'm open to trades, partial trades, or a cash sale.
>
> Thanks for the bandwidth.
>
> Alex
> K2AJR
>
>
>

1358. Re: [transworld_radio] WANTED: RAT1000... DEAD OR ALIVE

Yahoo group: transworld_radio
Date: 2015-09-22 19:23:43 UTC
From: Alex J Rokowetz
Topic: 1356 Message: 1358

Dave,
Thanks for the info. I remember several years ago at the annual MRCA rally at Gilbert, PA a seller was selling the RF382 tuners at a very cheap price. They flew out of his trailer into the hands of buyers faster than the eye could see.
AlexK2AJR
From: "Dave Panek dlpanek@bellsouth.net [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, September 22, 2015 3:15 PM
Subject: Re: [transworld_radio] WANTED: RAT1000... DEAD OR ALIVE

  Alex,
Several years ago I had a RAT1000 tuner. It is a GIANT version of the RAT100 tuner with solenoids instead of relays. I currently use a Harris RF382 which was designed for 400 watts in digital modes ie high duty cycle. Been using the Harris tuner for 17 years.

On 9/22/2015 2:12 PM, belarok@... [transworld_radio] wrote:

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I'm open to trades, partial trades, or a cash sale.

Thanks for the bandwidth.

Alex
K2AJR

1359. RAT7000B

Yahoo group: transworld_radio
Date: 2015-09-25 15:47:46 UTC
From: vk5abc@...
Topic: 1359 Message: 1359

Hello All
Anyone here with a RAT7000B tuner.

73's Lee.

1360. ALE-141B board

Yahoo group: transworld_radio
Date: 2015-10-03 17:19:05 UTC
From: afa7rw@...
Topic: 1360 Message: 1360

I am still looking for a ALE-141B board for a TW7000. A year ago I thought I had one located with an Episcopal priest, but he never got back to me.

1361. FS Transworld Flyaway TW100F

Yahoo group: transworld_radio
Date: 2015-10-03 17:45:24 UTC
From: hb9ibz@...
Topic: 1361 Message: 1361

I have a TW100F complete with original accesories (antenna, ground cable, mike, DC & AC cord, includes manual tuner) for sale. The radio works in all respects.
If anyone interested please contact me on my main email: jc dot daehler at gmail dot com.

I will send full pictures if asked.
Price is 950$
73
JC
VE7oi

1362. Re: ALE-141B board

Yahoo group: transworld_radio
Date: 2015-10-03 17:46:01 UTC
From: belarok@...
Topic: 1360 Message: 1362

Hi Bob,

I have no idea what an Episcopal priest would be doing with a Datron ALE board... maybe there is a good story there.

If you are genuinely looking for an ALE board, please email me offline at k2ajr@yahoo.com

Alex

---In transworld_radio@yahoogroups.com, <afa7rw@gmail.com> wrote :

I am still looking for a ALE-141B board for a TW7000. A year ago I thought I had one located with an Episcopal priest, but he never got back to me.

1363. TW100/RT5201

Yahoo group: transworld_radio
Date: 2015-10-23 23:50:47 UTC
From: Chuck
Topic: 1363 Message: 1363

I am in the middle of getting my TW100 set up for Remote Control (Thanks Dennis!) and am in need of two transformers to set it up for two-wire operation.

One is in the '100 and the other in the '5201 both are 600/600 ohm with one side centre tapped for the balance pot. The orginals are quite small and looks to be about 2x2 but as long as they fit I do not need to be exact!

If some one has a TW100 set up for two-wire operation could you look and see if there is a number on them other that the TW part number?

I will work out the details of Remote control with the four-wire system but would like to be able to go two so as to use it over the P.O.T.S.

Thanks,

Chuck McClurg
N7UVZ
Carson City, NV

1364. Re: TW100/RT5201

Yahoo group: transworld_radio
Date: 2015-10-24 03:05:35 UTC
From: MILCOMMOGUY@...
Topic: 1363 Message: 1364

Guys... parts is parts. Once it was easy to run right down to 3 or 4 parts store. Not any more. Radio shack may have the 600 Ohm C.T. transformer, maybe. I find when it time to source parts for projects, I let the fingers do the work. Ebay (did i say that) is where the world of parts is. Needed relays to replace those in the LPF of a Harris 350K. Received 25 each new 4 days later, 42 bucks with shipping. Same relay from parts house 18 bucks each. Just searched your transformer 600 Ohm C.T. $2.10 each.

This is not a plug for the E place. Newark, Mouser, All Electronics should have something and cheap.

Order everything up, wait for the big brown truck to show up and start burning solder.

CAM

1365. Re: [transworld_radio] TW100/RT5201

Yahoo group: transworld_radio
Date: 2015-10-24 13:35:20 UTC
From: Alex J Rokowetz
Topic: 1363 Message: 1365

Chuck,
I am traveling out of state and don't have access to my shack but I use the TW100 and RT100 with the TW5201 and RT5201 remote heads. IIRC, I used the 4 four wire setup. I say this because I think I remember two biding posts on the side of the remote heads for use with a two wire circuit and I remember using the multi pin connectors on the remote head which I think means I used a four wire circuit. I will double check my setup and let you know what I find early next week.
AlexK2AJR

From: "'Chuck' j-mcclurg@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, October 23, 2015 7:50 PM
Subject: [transworld_radio] TW100/RT5201

  I am in the middle of getting my TW100 set up for Remote Control (Thanks Dennis!) and am in need of two transformers to set it up for two-wire operation. One is in the '100 and the other in the '5201 both are 600/600 ohm with one side centre tapped for the balance pot. The orginals are quite small and looks to be about 2x2 but as long as they fit I do not need to be exact! If some one has a TW100 set up for two-wire operation could you look and see if there is a number on them other that the TW part number? I will work out the details of Remote control with the four-wire system but would like to be able to go two so as to use it over the P.O.T.S. Thanks, Chuck McClurgN7UVZCarson City, NV

1366. GROUP SUBSCRIBE

Yahoo group: transworld_radio
Date: 2015-11-05 07:33:11 UTC
From: f.clonfero@tin.it
Topic: 1366 Message: 1366

My name is Francesco amateur radio IW2BRB. I love collect and operate Miltary and Commercial surplus radio.
I recently acquired a TW7000 Flyaway and would like to subscribe to this group to share information on this nice equipment.
My best regards to all menbers,
73 de IW2BRB Francesco

1367. Re: [transworld_radio] GROUP SUBSCRIBE

Yahoo group: transworld_radio
Date: 2015-11-05 10:25:34 UTC
From: Alex J Rokowetz
Topic: 1366 Message: 1367

Francesco,
It seems you have been a member of this group since 2006. Anyway, was the information I sent you lest week helpful? Are you still having the problem?
AlexK2AJR

From: "'f.clonfero@...' f.clonfero@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, November 5, 2015 2:33 AM
Subject: [transworld_radio] GROUP SUBSCRIBE

My name is Francesco amateur radio IW2BRB. I love collect and operate Miltary and Commercial surplus radio.
I recently acquired a TW7000 Flyaway and would like to subscribe to this group to share information on this nice equipment.
My best regards to all menbers,
73 de IW2BRB Francesco

1368. Re: [transworld_radio] TW100/RT5201

Yahoo group: transworld_radio
Date: 2015-11-05 10:31:20 UTC
From: belarok@...
Topic: 1363 Message: 1368

Chuck,

I apologize. Between work and school I forgot all about your request until this morning. I went down into the shack and verified that I am using the 4-wire circuit between on the TW5201 remote and the TW100. I checked the RT5201 and noticed it does not offer a 2-wire option, only 4-wire.

Maybe another group member has done the modification.

Have you checked the files section of this group for the TW5201 manual? I think it might have a parts list in the back section of the manual.

Alex
K2AJR

1369. Non Photo Copy of TW7000MS (HF Transceiver Technical Manual)

Yahoo group: transworld_radio
Date: 2015-11-30 16:28:28 UTC
From: afa7rw@...
Topic: 1369 Message: 1369

Does anyone have a non photo copy of the TW7000 HF Transceiver Technical Manual? I have a PDF file of the manual, but it is photo based and is not searchable.

Without the ability to search for specific text, trying to find something in the 312 pages of the manual is exceedingly tedious and S---L---O---W and easy to miss something. !

Thanks,

Bob

1370. RE: [transworld_radio] Non Photo Copy of TW7000MS (HF Transceiver Technical Manual)

Yahoo group: transworld_radio
Date: 2015-11-30 16:55:24 UTC
From: Mike Feher
Topic: 1369 Message: 1370

I printed out the whole thing for myself as that is easier for me than looking on the monitor. 73 - Mike.

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, November 30, 2015 11:28 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Non Photo Copy of TW7000MS (HF Transceiver Technical Manual)

Does anyone have a non photo copy of the TW7000 HF Transceiver Technical Manual? I have a PDF file of the manual, but it is photo based and is not searchable.

Without the ability to search for specific text, trying to find something in the 312 pages of the manual is exceedingly tedious and S---L---O---W and easy to miss something. !

Thanks,

Bob

1371. Re: Non Photo Copy of TW7000MS (HF Transceiver Technical Manual)

Yahoo group: transworld_radio
Date: 2015-12-01 14:35:11 UTC
From: afa7rw@...
Topic: 1369 Message: 1371

Hi, MIke,

Nothing beats the printed page for perusing a manual, and I may eventually bite the bullet and do that, but it does not solve my need to be able to do a quick word search in the document. The date on the manual I have is 2005, so I would bet it was originally published as both as a printed and as a PDF document. Both the 7000ALE-SMOP and the TW7000-MSOP are 2001 and they are non photocopy PDF documents.

Still looking for a non-photo copy of the TW7000MS HF Transceiver Technical Manual.

1372. Re: [transworld_radio] Non Photo Copy of TW7000MS (HF Transceiver Technical Manual)

Yahoo group: transworld_radio
Date: 2015-12-01 20:50:52 UTC
From: Brooke Clarke
Topic: 1369 Message: 1372

Hi:

For a long time I use purchased software to make pdf documents searchable, but it never was a good solution. Then I
discovered Bookmarks and that's really the solution.
A pdf document with good bookmarks (bad bookmarks are worthless) is faster and easier to use than a hard copy. I use
Acrobat Pro to add bookmarks, but I suspect there are less costly ways of doing it.
http://www.prc68.com/I/Mpdf.shtml#Nav

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
afa7rw@... [transworld_radio] wrote:
>
>
> Does anyone have a non photo copy of the TW7000 HF Transceiver Technical Manual? I have a PDF file of the manual, but
> it is photo based and is not searchable.
>
>
> Without the ability to search for specific text, trying to find something in the 312 pages of the manual is
> exceedingly tedious and S---L---O---W and easy to miss something. !
>
>
> Thanks,
>
>
> Bob
>
>
>
>
>

1373. WANTED - Datron RAT1000 with the memory option.

Yahoo group: transworld_radio
Date: 2015-12-08 04:13:37 UTC
From: afa7rw@...
Topic: 1373 Message: 1373

I need a Datron RAT1000 Antenna Tuner with the memory option. I finally got my TW1000 1kW amplifier working. Turns out a solder connection had failed on the amplifier ALC board. It was a simple 5-minute repair once I found it.

Unfortunately, my LDG AT-1000 Pro II tuner is not fast enough for ALE. If the match takes longer than roughly 500ms, the amplifier protection circuit drops the two amplifier modules out of the circuit, and the TW7000 output is sent directly from the amplifier input (J1) to the output (J2). The TW7000 ALC will drop the power back, and the LDG AT-1000 Pro II will tune, and the TW7000 will pump out 100W for the remainder of the call.

The ALE board in the TW7000 on a linking call, makes two calls on each channel.
If the external amplifier is selected what happens is that the first call is at 100W, and the second call is at a full 1Kw.

If any of you know where I can pick up an operational RAT1000 please let me know.

73s de Bob AFA7RW / AFE7EC

1374. PS1000 Power Supply

Yahoo group: transworld_radio
Date: 2015-12-18 00:47:11 UTC
From: Mike Feher
Topic: 1374 Message: 1374

Does anyone have a copy of the non-switching Transworld PS1000 power supply?
It seems I will also be getting one of those with my TW1000 amplifier.
Thanks & Merry Christmas - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1375. Re: [transworld_radio] PS1000 Power Supply

Yahoo group: transworld_radio
Date: 2015-12-18 00:57:32 UTC
From: Alex J Rokowetz
Topic: 1374 Message: 1375

Mike,
These are the only two PS1000 manuals I have:
https://app.box.com/s/qcqy2qxgwm4ec2wiodgjtymp6sgyusxj
https://app.box.com/s/utdwto2yheti960gaatoht89qk4ycjew

AlexK2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, December 17, 2015 7:47 PM
Subject: [transworld_radio] PS1000 Power Supply

Does anyone have a copy of the non-switching Transworld PS1000 power supply? It seems I will also be getting one of those with my TW1000 amplifier. Thanks & Merry Christmas – Mike
Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1376. RE: [transworld_radio] PS1000 Power Supply

Yahoo group: transworld_radio
Date: 2015-12-18 01:05:33 UTC
From: Mike Feher
Topic: 1374 Message: 1376

Thanks Alex, you always come through. The first one is the one I needed. Wish it was the second as it would be much lighter, HI. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Thursday, December 17, 2015 7:58 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] PS1000 Power Supply

Mike,

These are the only two PS1000 manuals I have:

https://app.box.com/s/qcqy2qxgwm4ec2wiodgjtymp6sgyusxj

https://app.box.com/s/utdwto2yheti960gaatoht89qk4ycjew

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@...m>
To: transworld_radio@yahoogroups.com
Sent: Thursday, December 17, 2015 7:47 PM
Subject: [transworld_radio] PS1000 Power Supply

Does anyone have a copy of the non-switching Transworld PS1000 power supply? It seems I will also be getting one of those with my TW1000 amplifier. Thanks & Merry Christmas – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1377. TW7000 and fldigi

Yahoo group: transworld_radio
Date: 2015-12-20 03:59:24 UTC
From: afa7rw@...
Topic: 1377 Message: 1377

If there is anyone out there who has been successful using fldigi and a Navigator external sound card to operate the TW7000, please contact me.

With the help of TimeWave, I have worked out the pin out for a cable that I can use for MARS operations to transmit and receive MIL-STD-188-110A using a software emulator and for which DM780 will work to drive all the ham sound card modes, but using Navigator and fldigi the rig will not key at all.

Regards,

Bob Wilson
NTØA

nt0a-at-kc-dot-rr-com

1378. Re: TW7000 and fldigi

Yahoo group: transworld_radio
Date: 2015-12-21 05:39:02 UTC
From: Bruno W4AFK
Topic: 1377 Message: 1378

To send DATA on the TW7000 you need to toggle the PTT line (hard ground) and send audio through the ACC port (600 Ohms balanced audio with 0dBm = full power). It's pretty easy. The challenge is if you want radio control. For that you need to have the command codes to be able to program and command the radio. It's "command line" stuff. easy but you need the codes.

Also note that the standard TW700 has a voice-mode filter. It will work with MS-110A modems but it will have challenges at the higher bit rates if you move to MS-110B.

Bruno Haineault, W4AFK

[Local: Yaesu FTDX-1200, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic.
Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig - see QRZ]

1380. Re: TW7000 and fldigi

Yahoo group: transworld_radio
Date: 2015-12-22 15:34:38 UTC
From: afa7rw@...
Topic: 1377 Message: 1380

Clint Hurd, KK7UQ, provided the solution for the cable for fldigi. In setting the configuration for PTT you must select the RTS option.

The cable should work with all ham modes on all of the sound card software programs. If you would like a copy of the drawing, contact me directly.

73s de Bob NTØA

1381. Re: TW7000 and fldigi

Yahoo group: transworld_radio
Date: 2015-12-22 17:06:15 UTC
From: afa7rw@...
Topic: 1377 Message: 1381

Drawing for the Navigator to TW7000 is now posted here https://groups.yahoo.com/neo/groups/transworld_radio/photos/photostream/lightbox/963334331?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/963334331.

1382. Re: TW7000 and fldigi

Yahoo group: transworld_radio
Date: 2015-12-23 01:15:54 UTC
From: Bruno W4AFK
Topic: 1377 Message: 1382

Bob, the DATA mode is only valid IF the proper filter is installed.

Stock TW7000 radios use the same voice band filter in DATA mode. The challenge is that the TW7000 only has two filter positions so you can either have VOICE, CW, DATA, VOICE+CW, VOICE+DATA and CW+DATA, but you can't have all three. The DATA filter is 300-3300 Hz.

As for FLDIGI and TimeWave Navigator, now I understand what you are looking for. If you can't find something out there an interface/converter is not that difficult to build. Now if you are only triggering the CW tone, then you are probably "PTTing" the wrong pin LOL. The PTT pin will place the radio in TX and so will the CW pin. However with the latter, it also generates the tone as that radio is not really A1 but A2.

Bruno Haineault, W4AFK

[Local: Yaesu FTDX-1200, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic.
Remote: Kenwood TS-480SAT, GAP Titan DX antenna & RemoteRig - see QRZ]

1383. Garbled sideband RX - TW100F

Yahoo group: transworld_radio
Date: 2015-12-28 21:50:02 UTC
From: w7sls.scott@...
Topic: 1383 Message: 1383

Hello,

I recently acquired a TW100F. This is my initial post.

First, a word of thanks to the group. The archives of this group helped me to locate and replace a shorted bypass capacitor (+12 V line, C9 on M9). Now the the radio powers up, receives WWV on 10MHz, and puts out a few watts in tune mode into a dummy load.

(I noticed the tips to adjust ALC and change meter leads, but I will save those for later.)

Second, as you probably guessed, there is (at least) one more problem: garbled sideband reception (as if it is always in AM mode). USB signals sound the same with the switch in AM or USB. LSB signals also sound garbled. Slight difference in audio quality when I switch between LSB and USB (i.e., the switch wires are connected to something).

I checked the switch wiring for continuity: it correctly grounds the AM (or LSB) wire when it is in that position.

My questions: any hints what to look for next?

(I searched the archives for USB -- and got a zillion hits for SignaLink USB, and LSB got hits for 'option'.)

Thanks for considering.

Scott
W7SLS

PS: Here are some notes on what I checked so far.

M9 - J8
pin
2 - ground for AM (to/from ?? on M9)
I don't see J8 on the M9 schematic (scanned on the site)

M9 - J9 seems to be more of a test point than a real connection to anything on M9, other than ground (pins 9 and 10)
pin
1 -
2 - PTT
3 -
4 -
5 -
6 - LSB (when grounded)*
7 - AM (when grounded)
8 - Squelch (when ungrounded)
9 - ground to Squelch Switch
10 - ground to Mode Switch (LSB USB AM)

*schematic (incorrectly?) shows pin 6 shorted to pin 10 (hard ground)

M2 - J1
5 - LSB (when grounded), USB (or AM) when ungrounded

1384. New member with Early TW100- need connectors and info

Yahoo group: transworld_radio
Date: 2016-01-12 04:10:50 UTC
From: josephstilwell@...
Topic: 1384 Message: 1384

Hello

I have spent a couple hours looking through all the good info on this group. Thanks to everyone for contributing, it's very helpful to a new TW user like myself. I think I have a super early model TW100 that I would like some more information about. It has the 4 knobs on the front not the switches like the newer models. It also has the older molex looking plastic accessory connectors on the back instead of the DB-9 connectors. I looked at the service manual and it seemed to talk about the DB-9 version. The older users manual showed the 4 knobs on the front, but the DB-9 connectors on the back. I would like to find out the part numbers to order the accessory and the DC power connectors so I can build a few cables. I am also looking for the pin out information for them. There is a good picture of the connectors in the photos section labeled early TW100 dc conn, that is the type of radio I have. The power connector looks like it uses 2 flat blades, not round pins. I'm excited to finally have a Transworld radio and would really appreciate any info you might have. Thanks, Joe

1385. TW7000

Yahoo group: transworld_radio
Date: 2016-02-07 02:34:00 UTC
From: Glenn Little
Topic: 358 Message: 1385

I just got a TW7000 and would like to find a service manual and a power connector.
Where can I find these?
I currently cannot log into the group to get to the files section.
Probably another Yahoo "improvement".

Thanks
73
Glenn WB4UIV

1386. Re: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2016-02-07 03:12:37 UTC
From: Alex J Rokowetz
Topic: 358 Message: 1386

Hi Glenn,
Congratulations on your new acquisition. I have one version of the TW7000 service manual.
Please click this link:
https://app.box.com/s/o6riwvxnbdwfubh6orqz3g0ka88thyl8

As for the power connector, you can get those at the usual places like Mouser, Newark, Allied Electric, etc.
If you need the part number(s) for the connector, let me know.

AlexK2AJR

From: "Glenn Little glennmaillist@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@...m
Sent: Saturday, February 6, 2016 9:34 PM
Subject: [transworld_radio] TW7000

I just got a TW7000 and would like to find a service manual and a power connector.
Where can I find these?
I currently cannot log into the group to get to the files section.
Probably another Yahoo "improvement".

Thanks
73
Glenn WB4UIV

1387. Re: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2016-02-07 03:22:40 UTC
From: Glenn Little WB4UIV
Topic: 358 Message: 1387

If you have the part number that would prevent me from making a mistake
while ordering.

What is a TW7000 worth?

Thanks
73
Glenn
WB4UIV

On 2/6/2016 10:12 PM, Alex J Rokowetz belarok@...
[transworld_radio] wrote:
>
>
> Hi Glenn,
>
> Congratulations on your new acquisition. I have one version of the
> TW7000 service manual. Please click this link:
>
> https://app.box.com/s/o6riwvxnbdwfubh6orqz3g0ka88thyl8
>
> As for the power connector, you can get those at the usual places like
> Mouser, Newark, Allied Electric, etc.
>
> If you need the part number(s) for the connector, let me know.
>
> Alex
> K2AJR
>
>
>
>
>
> ---
> *From:* "Glenn Little glennmaillist@... [transworld_radio]"
> <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, February 6, 2016 9:34 PM
> *Subject:* [transworld_radio] TW7000
>
>
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> connector.
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>
> Thanks
> 73
> Glenn WB4UIV
>
>
>
>
>

--

Glenn Little ARRL Technical Specialist QCWA LM 28417
Amateur Callsign: WB4UIV wb4uiv@... AMSAT LM 2178
QTH: Goose Creek, SC USA (EM92xx) USSVI LM NRA LM SBE ARRL TAPR
"It is not the class of license that the Amateur holds but the class
of the Amateur that holds the license"

1388. Re: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2016-02-07 03:42:13 UTC
From: Alex J Rokowetz
Topic: 358 Message: 1388

Glenn,
The connector is made by AMP and the part number is 206037-2.You'll also need a strain relief clamp. That part number is 206322-9. You'll also need two contacts, part number 66740-8, 66740-6, or 66740-2 will do. These contacts will fit 16 - 12 AWG wire.
As for the monetary value of a TW7000... It really depends on the condition, whether or not it works, the option cards that are installed, whether or not mics or power cords are included, etc, etc. Most importantly it depends upon the willingness of a buyer and seller to come to an agreement.

I usually spend anywhere from $400 to $600 for working ones. Some have come with ALE, noise blanker cards, or WB filter cards. One even came with a remote head and the correct modem interface card so the radio could be controlled remotely. That was the one I paid $600 for. I think I spent maybe $250 once for one that wasn't working.
Maybe some others on this list will chime in let us know what their thoughts are. I am sure some people are willing to spend more than $600 for a TW7000. I certainly think it's worth more than $600.

AlexK2AJR

From: "Glenn Little WB4UIV glennmaillist@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, February 6, 2016 10:22 PM
Subject: Re: [transworld_radio] TW7000

  If you have the part number that would prevent me from making a mistake
while ordering.

What is a TW7000 worth?

Thanks
73
Glenn
WB4UIV

On 2/6/2016 10:12 PM, Alex J Rokowetz belarok@...
[transworld_radio] wrote:
>
>
> Hi Glenn,
>
> Congratulations on your new acquisition. I have one version of the
> TW7000 service manual. Please click this link:
>
> https://app.box.com/s/o6riwvxnbdwfubh6orqz3g0ka88thyl8
>
> As for the power connector, you can get those at the usual places like

> Mouser, Newark, Allied Electric, etc.
>
> If you need the part number(s) for the connector, let me know.
>
> Alex
> K2AJR
>
>
>
>
>
> ---
> *From:* "Glenn Little glennmaillist@... [transworld_radio]"
> <transworld_radio@yahoogroups.com>
> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, February 6, 2016 9:34 PM
> *Subject:* [transworld_radio] TW7000
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>
> I just got a TW7000 and would like to find a service manual and a power
> connector.
> Where can I find these?
> I currently cannot log into the group to get to the files section.
> Probably another Yahoo "improvement".
>
> Thanks
> 73
> Glenn WB4UIV
>
>
>
>
>

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Glenn Little ARRL Technical Specialist QCWA LM 28417
Amateur Callsign: WB4UIV wb4uiv@... AMSAT LM 2178
QTH: Goose Creek, SC USA (EM92xx) USSVI LM NRA LM SBE ARRL TAPR
"It is not the class of license that the Amateur holds but the class
of the Amateur that holds the license"

1389. RE: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2016-02-07 03:53:25 UTC
From: L D Ritta
Topic: 358 Message: 1389
Attachments: 2 described; binary payloads are missing from this source WARC

Anyone here with both the tw7000 and rat7000, Do you know the commands that control the rat7000 antenna tuner?

73's Lee.

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Sunday, 7 February 2016 1:43 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW7000

Hi Glenn,

Congratulations on your new acquisition. I have one version of the TW7000 service manual. Please click this link:

https://app.box.com/s/o6riwvxnbdwfubh6orqz3g0ka88thyl8

As for the power connector, you can g et those at the usual places like Mouser, Newark, Allied Electric, etc.

If you need the part number(s) for the connector, let me know.

Alex

K2AJR

From: "Glenn Little glennmaillist@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, February 6, 2016 9:34 PM
Subject: [transworld_radio] TW7000

I just got a TW7000 and would like to find a service manual and a power connector.
Where can I find these?
I currently cannot log into the group to get to the files section.
Probably another Yahoo "improvement".

Thanks
73
Glenn WB4UIV

No virus found in this message.
Checked by AVG - www.avg.com

Version: 2016.0.7357 / Virus Database: 4522/11563 - Release Date: 02/05/16

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7357 / Virus Database: 4522/11569 - Release Date: 02/06/16

1390. Re: [transworld_radio] TW7000

Yahoo group: transworld_radio
Date: 2016-02-07 03:57:15 UTC
From: Glenn Little WB4UIV
Topic: 358 Message: 1390

Alex

Thanks for the information.
I paid $400 for mine.
I looks good physically.
Can not power up until I get the connector.
It came with nothing but a desk microphone.

Thanks
73
Glenn
WB4UIV

On 2/6/2016 10:42 PM, Alex J Rokowetz belarok@...
[transworld_radio] wrote:
>
>
> Glenn,
>
> The connector is made by AMP and the part number is 206037-2.
> You'll also need a strain relief clamp. That part number is 206322-9.
> You'll also need two contacts, part number 66740-8, 66740-6, or 66740-2
> will do. These contacts will fit 16 - 12 AWG wire.
>
> As for the monetary value of a TW7000... It really depends on the
> condition, whether or not it works, the option cards that are installed,
> whether or not mics or power cords are included, etc, etc. Most
> importantly it depends upon the willingness of a buyer and seller to
> come to an agreement.
>
> I usually spend anywhere from $400 to $600 for working ones. Some have
> come with ALE, noise blanker cards, or WB filter cards. One even came
> with a remote head and the correct modem interface card so the radio
> could be controlled remotely. That was the one I paid $600 for. I
> think I spent maybe $250 once for one that wasn't working.
>
> Maybe some others on this list will chime in let us know what their
> thoughts are. I am sure some people are willing to spend more than $600
> for a TW7000. I certainly think it's worth more than $600.
>
> Alex
> K2AJR
>
> ---
> *From:* "Glenn Little WB4UIV glennmaillist@...
> [transworld_radio]" <transworld_radio@yahoogroups.com>

> *To:* transworld_radio@yahoogroups.com
> *Sent:* Saturday, February 6, 2016 10:22 PM
> *Subject:* Re: [transworld_radio] TW7000
>
> If you have the part number that would prevent me from making a mistake
> while ordering.
>
> What is a TW7000 worth?
>
> Thanks
> 73
> Glenn
> WB4UIV
>
> On 2/6/2016 10:12 PM, Alex J Rokowetz belarok@...
> [transworld_radio] wrote:
> >
> >
> > Hi Glenn,
> >
> > Congratulations on your new acquisition. I have one version of the
> > TW7000 service manual. Please click this link:
> >
> > https://app.box.com/s/o6riwvxnbdwfubh6orqz3g0ka88thyl8
> >
> > As for the power connector, you can get those at the usual places like
> > Mouser, Newark, Allied Electric, etc.
> >
> > If you need the part number(s) for the connector, let me know.
> >
> > Alex
> > K2AJR
> >
> >
> >
> >
> >
> > ---
> > *From:* "Glenn Little glennmaillist@... [transworld_radio]"
> > <transworld_radio@yahoogroups.com>
> > *To:* transworld_radio@yahoogroups.com
> > *Sent:* Saturday, February 6, 2016 9:34 PM
> > *Subject:* [transworld_radio] TW7000
> >
> >
> > I just got a TW7000 and would like to find a service manual and a power
> > connector.
> > Where can I find these?
> > I currently cannot log into the group to get to the files section.
> > Probably another Yahoo "improvement".

> >
> > Thanks
> > 73
> > Glenn WB4UIV
> >
> >
> >
> >
> >
>
> --
> ----------
> Glenn Little ARRL Technical Specialist QCWA LM 28417
> Amateur Callsign: WB4UIV wb4uiv@... AMSAT LM 2178
> QTH: Goose Creek, SC USA (EM92xx) USSVI LM NRA LM SBE ARRL TAPR
> "It is not the class of license that the Amateur holds but the class
> of the Amateur that holds the license"
> ----------
>
>
>
>
>

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Glenn Little ARRL Technical Specialist QCWA LM 28417
Amateur Callsign: WB4UIV wb4uiv@... AMSAT LM 2178
QTH: Goose Creek, SC USA (EM92xx) USSVI LM NRA LM SBE ARRL TAPR
"It is not the class of license that the Amateur holds but the class
of the Amateur that holds the license"

1391. Transworld AMU - info?

Yahoo group: transworld_radio
Date: 2016-02-08 05:18:03 UTC
From: Chuck
Topic: 1391 Message: 1391
Attachments: 5 described; binary payloads are missing from this source WARC

Group:

Can anyone id this ATU for Michael? It came up on the WS19 Group and at first it was an AT100 but after he sent me some pictures I see it is not. Just a four (4) channel unit that you pre-set the frequencys in use. You set the taps on a coil and off you go!

If the pictures don't make it please drop me a line off line and I will forward them to you.

Thanks,

Chuck McClurg
N7UVZ

----- Original Message -----
From: michaelob666@ntlworld.com
To: Chuck
Sent: Sunday, February 07, 2016 7:25 AM
Subject: Fw: [The WS No.19 Group] Fw: Transworld AMU - info?

Dear Chuck

Thanks for your email. Here are the pics. Hope you can identify the unit and forward a circuit and setting up instructions.

Many thanks
Michael
G8MOB

From: Chuck
Sent: Saturday, February 6, 2016 5:09 PM
To: michaelob666@...
Subject: Re: [The WS No.19 Group] Fw: Transworld AMU - info?

Michael:

Could you send me a picture of the ATU? It sound like one I have to use with my TW100 Radios. I have all the manuals for it and can send you the one you need.

If it is a AT100 you only need 4 wires and it covers 2-30 MHz. 12 v into power it and two control lines to the radio. Will handle 125 watts.

Chuck McClurg
N7UVZ

----- Original Message -----
From: michaelob666@... [Wireless-Set-No19]

To: mailto:tvtech1946@... [Wireless-Set-No19]
Sent: Saturday, February 06, 2016 7:07 AM
Subject: [The WS No.19 Group] Fw: Transworld AMU - info?

Gents
I am in the middle of spring cleaning and I unearthed a purchase from yonks ago. It’s a remote switchable ATU for 4 spot frequencies made by Transworld Inc of Escondido, California (according to the label). It is brand new in its original carton.

I’m on the lookout for any info. The manufacturing label inside says January 27 1984.

Physically it’s housed in a thick mid-grey fibreglass box of about 6mm thickness. The dimensions are roughly 11” x 92” x 4.5”. There is a close fitting lid with a wide lip and internally a very thick black gasket. 12 large screws secure the lid to the box and the lid has a chain affixed to the box so you can’t lose the lid. A label inside says the box is made by Stahlin, a division of Robroy Industries.

There is a large ceramic antenna feedthrough on one side. On the other are two chunky stainless steel cable gland units with lots of neoprene waterproofing inside and an earthing screw. One is clearly for the coax and the other for channel switching.

The circuit is on a large fibreglass PCB.

There is a large silver plated coil about 7” long and 1.75 inches wide with alternate turns depressed. One end connects to the aerial terminal. The other end appears to be unconnected.

At the coax end, there is a feed to a toroidal autotransformer with tappings marked from 50 ohms to 2 ohms.

There are four solenoids. The ends of each have a silver contact and when fired up will shoot forward and hit a robust contact 1 cm away on the PCB. The solenoid contact is connected to the PCB via flexible wire. The fixed contact connects to a small variable slugged inductor. The other end of the inductor connects to a flying lead with a clip that is clamped to the big coil and will be in series with the main coil. Thus there are four solenoids, 4 variable inductors and four flying leads to the main coil to provide 4 switched impedances.

There are no capacitors. I guess tuning is by varying the tap on the toroid, the tap to the main coil and the series variable inductor.

There appear to be no components in shunt with the output feed.

The power handling looks to be about 100W max rms.

The design suggests that this AMU is designed for short aerials up to 0.25L. The robustness and grey colour suggests a maritime application, probably firing into a yacht’s HF whip.

The only reference to Transworld, California I can see is to a RAT100 fully automatic military AMU of near identical shape with the same ceramic aerial feed through. There is a note that Transworld was taken over by Datron AG. However, that is a German manufacturer of precision milling machines, which seems a far jump from antenna products.

All thoughts are most welcome, particularly a circuit.

73s
Michael
G8MOB

1392. Re: [transworld_radio] Transworld AMU - info? [5 Attachments]

Yahoo group: transworld_radio
Date: 2016-02-08 14:42:34 UTC
From: Alex J Rokowetz
Topic: 1391 Message: 1392

Chuck,
I just checked my records and unfortunately have no information regarding this tuner.
AlexK2AJR

From: "'Chuck' j-mcclurg@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, February 8, 2016 12:18 AM
Subject: [transworld_radio] Transworld AMU - info? [5 Attachments]

[Attachment(s) from Chuck included below] ☐Group: Can anyone id this ATU for Michael? It came up on the WS19 Group and at first it was an AT100 but after he sent me some pictures I see it is not. Just a four (4) channel unit that you pre-set the frequencys in use. You set the taps on a coil and off you go! If the pictures don't make it please drop me a line off line and I will forward them to you. Thanks, Chuck McClurgN7UVZ ----- Original Message ----- From: michaelob666@ntlworld.com To: Chuck Sent: Sunday, February 07, 2016 7:25 AMSubject: Fw: [The WS No.19 Group] Fw: Transworld AMU - info?
Dear Chuck Thanks for your email. Here are the pics. Hope you can identify the unit and forward a circuit and setting up instructions. Many thanksMichaelG8MOB From: Chuck Sent: Saturday, February 6, 2016 5:09 PMTo: michaelob666@... Subject: Re: [The WS No.19 Group] Fw: Transworld AMU - info? Michael: Could you send me a picture of the ATU? It sound like one I have to use with my TW100 Radios. I have all the manuals for it and can send you the one you need. If it is a AT100 you only need 4 wires and it covers 2-30 MHz. 12 v into power it and two control lines to the radio. Will handle 125 watts. Chuck McClurgN7UVZ
----- Original Message ----- From: michaelob666@... [Wireless-Set-No19] To: mailto:tvtech1946@... [Wireless-Set-No19] Sent: Saturday, February 06, 2016 7:07 AM Subject: [The WS No.19 Group] Fw: Transworld AMU - info? Gents I am in the middle of spring cleaning and I unearthed a purchase from yonks ago. It's a remote switchable ATU for 4 spot frequencies made by Transworld Inc of Escondido, California (according to the label). It is brand new in its original carton. I'm on the lookout for any info. The manufacturing label inside says January 27 1984. Physically it's housed in a thick mid-grey fibreglass box of about 6mm thickness. The dimensions are roughly 11" x 92" x 4.5". There is a close fitting lid with a wide lip and internally a very thick black gasket. 12 large screws secure the lid to the box and the lid has a chain affixed to the box so you can't lose the lid. A label inside says the box is made by Stahlin, a division of Robroy Industries. There is a large ceramic antenna feedthrough on one side. On the other are two chunky stainless steel cable gland units with lots of neoprene waterproofing inside and an earthing screw. One is clearly for the coax and the other for channel switching. The circuit is on a large fibreglass PCB. There is a large silver plated coil about 7" long and 1.75 inches wide with alternate turns depressed. One end connects to the aerial terminal. The other end appears to be unconnected. At the coax end, there is a feed to a toroidal autotransformer with tappings marked from 50 ohms to 2 ohms. There are four solenoids. The ends of each have a silver contact and when fired up will shoot forward and hit a robust contact 1 cm away on the PCB. The solenoid contact is connected to the PCB via flexible wire. The fixed contact connects to a small variable slugged inductor. The other end of the inductor connects to a flying lead with a clip that is clamped to the big coil and will be in series with the main coil. Thus there are four solenoids, 4 variable inductors and four flying leads to the main coil to provide 4 switched impedances. There are no capacitors. I guess tuning is by varying the tap on the toroid, the tap to the main coil and the series variable inductor. There appear to be no components in shunt with the output feed. The power handling looks to be about 100W max rms. The design suggests that this AMU is designed for short aerials up to 0.25L. The robustness and grey colour suggests a maritime application, probably firing into a yacht's HF whip. The only reference to Transworld, California I can see is to a RAT100 fully automatic military AMU of near identical shape with the same ceramic aerial feed through. There is a note that Transworld was taken over by Datron AG. However, that is a

German manufacturer of precision milling machines, which seems a far jump from antenna products. All thoughts are most welcome, particularly a circuit. 73s Michael G8MOB

1393. Re: [transworld_radio] Transworld AMU - info? [5 Attachments]

Yahoo group: transworld_radio
Date: 2016-02-08 15:11:55 UTC
From: Dave Panek
Topic: 1391 Message: 1393

I had one of these tuners about 20 years ago. It was made for a small synthesized and channelized transceiver made by Transworld. Mike Murphy had some of the transceivers at on time for around $100. I think it was something like the TW200.
Dave Panek

On 2/8/2016 12:18 AM, 'Chuck' j-mcclurg@... [transworld_radio]
wrote:
> [Attachment(s) <#TopText> from Chuck included below]
>
> ☐
>
> Group:
> Can anyone id this ATU for Michael? It came up on the WS19 Group and
> at first it was an AT100 but after he sent me some pictures I see it
> is not. Just a four (4) channel unit that you pre-set the frequencys
> in use. You set the taps on a coil and off you go!
> If the pictures don't make it please drop me a line off line and I
> will forward them to you.
> Thanks,
> Chuck McClurg
> N7UVZ
> ----- Original Message -----
> *From:* michaelob666@... <mailto:michaelob666@...>
> *To:* Chuck <mailto:j-mcclurg@...>
> *Sent:* Sunday, February 07, 2016 7:25 AM
> *Subject:* Fw: [The WS No.19 Group] Fw: Transworld AMU - info?
>
> Dear Chuck
> Thanks for your email. Here are the pics. Hope you can identify the
> unit and forward a circuit and setting up instructions.
> Many thanks
> Michael
> G8MOB
> *From:* Chuck <mailto:j-mcclurg@...>
> *Sent:* Saturday, February 6, 2016 5:09 PM
> *To:* michaelob666@... <mailto:michaelob666@...>
> *Subject:* Re: [The WS No.19 Group] Fw: Transworld AMU - info?
> Michael:
> Could you send me a picture of the ATU? It sound like one I have to
> use with my TW100 Radios. I have all the manuals for it and can send
> you the one you need.
> If it is a AT100 you only need 4 wires and it covers 2-30 MHz. 12 v
> into power it and two control lines to the radio. Will handle 125 watts.

> Chuck McClurg
> N7UVZ
>
> ----- Original Message -----
> *From:* michaelob666@... [Wireless-Set-No19]
> <mailto:michaelob666@...%20[Wireless-Set-No19]>
> *To:* mailto:tvtech1946@... [Wireless-Set-No19]
> <mailto:tvtech1946@...%20[Wireless-Set-No19]>
> *Sent:* Saturday, February 06, 2016 7:07 AM
> *Subject:* [The WS No.19 Group] Fw: Transworld AMU - info?
> *Gents*
> I am in the middle of spring cleaning and I unearthed a purchase
> from yonks ago. It’s a remote switchable ATU for 4 spot
> frequencies made by Transworld Inc of Escondido, California
> (according to the label). It is brand new in its original carton.
> I’m on the lookout for any info. The manufacturing label inside
> says January 27 1984.
> Physically it’s housed in a thick mid-grey fibreglass box of about
> 6mm thickness. The dimensions are roughly 11” x 92” x 4.5”.
> There is a close fitting lid with a wide lip and internally a very
> thick black gasket. 12 large screws secure the lid to the box and
> the lid has a chain affixed to the box so you can’t lose the lid.
> A label inside says the box is made by Stahlin, a division of
> Robroy Industries.
> There is a large ceramic antenna feedthrough on one side. On the
> other are two chunky stainless steel cable gland units with lots
> of neoprene waterproofing inside and an earthing screw. One is
> clearly for the coax and the other for channel switching.
> The circuit is on a large fibreglass PCB.
> There is a large silver plated coil about 7” long and 1.75 inches
> wide with alternate turns depressed. One end connects to the
> aerial terminal. The other end appears to be unconnected.
> At the coax end, there is a feed to a toroidal autotransformer
> with tappings marked from 50 ohms to 2 ohms.
> There are four solenoids. The ends of each have a silver contact
> and when fired up will shoot forward and hit a robust contact 1 cm
> away on the PCB. The solenoid contact is connected to the PCB via
> flexible wire. The fixed contact connects to a small variable
> slugged inductor. The other end of the inductor connects to a
> flying lead with a clip that is clamped to the big coil and will
> be in series with the main coil. Thus there are four solenoids, 4
> variable inductors and four flying leads to the main coil to
> provide 4 switched impedances.
> There are no capacitors. I guess tuning is by varying the tap on
> the toroid, the tap to the main coil and the series variable
> inductor.
> There appear to be no components in shunt with the output feed.
> The power handling looks to be about 100W max rms.
> The design suggests that this AMU is designed for short aerials up

> to 0.25L. The robustness and grey colour suggests a maritime
> application, probably firing into a yacht’s HF whip.
> The only reference to Transworld, California I can see is to a
> RAT100 fully automatic military AMU of near identical shape with
> the same ceramic aerial feed through. There is a note that
> Transworld was taken over by Datron AG. However, that is a German
> manufacturer of precision milling machines, which seems a far jump
> from antenna products.
> All thoughts are most welcome, particularly a circuit.
> 73s
> Michael
> G8MOB
>
>

1394. PRC1077 Seeking M2 (Synthesizer) Module

Yahoo group: transworld_radio
Date: 2016-02-23 11:20:52 UTC
From: PRC70
Topic: 1391 Message: 1394

Hello Group,
I recently purchased a good condition but incomplete PRC-1077, I'm looking for anyone who might be able to part with an M2 Module (synthesizer module), or has a wrecked PRC-1077 they might like to part with.

Please contact off group

regards and thanks
Brian

Brian Blum
VK6YET AXW100 VJW42

PRC1077 - almost
PRC1099
PRC1099A - ALE fitted not working
RT7000 - RF but no audio yet.

1395. TW500 fault

Yahoo group: transworld_radio
Date: 2016-02-29 14:26:39 UTC
From: stephen.bunting@...
Topic: 1395 Message: 1395

Hi Everyone,

I have just got my hands on a used TW500 (ex military service). It is in good, clean, condition but applying PTT (no RF drove) results in a steadily increased current draw up to about 20A when I hastily removed the PTT!

So, one or more RF transistors are kaput, it seems. The transistors don't have individual bias control, so does that mean I have to shell out for matched set? That probably makes repair uneconomic, but I wonder if anyone has war stories to share when repairing one of these fine amps? Sources of transistors? replacing the RF pallet with something else?

Cheers,
Steve M0BPQ

1396. RE: [transworld_radio] TW500 fault

Yahoo group: transworld_radio
Date: 2016-02-29 17:01:31 UTC
From: Mike Feher
Topic: 1395 Message: 1396

Steve –

I am not sure how much I am going to be of help. Not too long ago, I purchased a TW1000 which is essentially twice what you have plus the combiners. The prior owner did replace all 8 of the MRF422 transistors because a couple of them were bad. He does show a couple of YouTube videos with the unit in operation. I have not yet hooked up the amp as in the meantime I already had am ALS500M and decided to play with that first. I am very pleased with the operation of the ALS500M and really wonder if for the additional 3 dB or so of improvement, hooking up the TW1000 would gain me anything at all, other than possible headaches with too much power into the tuner and so on. Replacing all four of your MRF422s with new ones would cost about $200, easily done by a ham as I looked at the workmanship on mine. That is still a lot less than the worth of your amplifier should you need to go that route. There is a bias adjustment for each pair and some equalization, so, I do not believe you need matched pairs. However, I do suggest you try to get all four from the same manufacturer, possibly Motorola. I am uncertain if the Chinese ones are original or copies? Also, when you keyed up the amp without any drive, did you have the input and output properly terminated? Could it have been oscillating? Regardless, good luck with it and if I can be of any further help please let me know. Of course, I do not know if I was any help at all, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, February 29, 2016 9:27 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW500 fault

Hi Everyone,

I have just got my hands on a used TW500 (ex military service). It is in good, clean, condition but applying PTT (no RF drove) results in a steadily increased current draw up to about 20A when I hastily removed the PTT!

So, one or more RF transistors are kaput, it seems. The transistors don't have individual bias control, so does that mean I have to shell out for matched set? That probably makes repair uneconomic, but I wonder if anyone has war stories to share when repairing one of these fine amps? Sources of transistors? replacing the RF pallet with something else?

Cheers,

Steve M0BPQ

1397. Re: [transworld_radio] TW500 fault

Yahoo group: transworld_radio
Date: 2016-02-29 18:09:52 UTC
From: Steve Bunting
Topic: 1395 Message: 1397

Thanks for your note, Mike.

The amp has 8 x MRF454, so the cost isn't trivial even if I can find a matched set. At the moment I'm tempted to use the bpf and case with a 50v switcher and a new Rf deck. That's a significant project for me so I'd rather get the original working if possible!

73
Steve

Sent from my iPhone

> On 29 Feb 2016, at 17:01, 'Mike Feher' n4fs@eozinc.com [transworld_radio] <transworld_radio@yahoogroups.com> wrote:
>
> Steve –
>
>
>
> I am not sure how much I am going to be of help. Not too long ago, I purchased a TW1000 which is essentially twice what you have plus the combiners. The prior owner did replace all 8 of the MRF422 transistors because a couple of them were bad. He does show a couple of YouTube videos with the unit in operation. I have not yet hooked up the amp as in the meantime I already had am ALS500M and decided to play with that first. I am very pleased with the operation of the ALS500M and really wonder if for the additional 3 dB or so of improvement, hooking up the TW1000 would gain me anything at all, other than possible headaches with too much power into the tuner and so on. Replacing all four of your MRF422s with new ones would cost about $200, easily done by a ham as I looked at the workmanship on mine. That is still a lot less than the worth of your amplifier should you need to go that route. There is a bias adjustment for each pair and some equalization, so, I do not believe you need matched pairs. However, I do suggest you try to get all four from the same manufacturer, possibly Motorola. I am uncertain if the Chinese ones are original or copies? Also, when you keyed up the amp without any drive, did you have the input and output properly terminated? Could it have been oscillating? Regardless, good luck with it and if I can be of any further help please let me know. Of course, I do not know if I was any help at all, HI. 73 – Mike
>
>
>
>
>
> Mike B. Feher, N4FS
>
> 89 Arnold Blvd.
>
> Howell, NJ, 07731
>

> 732-886-5960
>
>
>
> From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
> Sent: Monday, February 29, 2016 9:27 AM
> To: transworld_radio@yahoogroups.com
> Subject: [transworld_radio] TW500 fault
>
>
>
>
>
> Hi Everyone,
>
>
>
> I have just got my hands on a used TW500 (ex military service). It is in good, clean, condition but applying PTT (no RF drove) results in a steadily increased current draw up to about 20A when I hastily removed the PTT!
>
>
>
> So, one or more RF transistors are kaput, it seems. The transistors don't have individual bias control, so does that mean I have to shell out for matched set? That probably makes repair uneconomic, but I wonder if anyone has war stories to share when repairing one of these fine amps? Sources of transistors? replacing the RF pallet with something else?
>
>
>
> Cheers,
>
> Steve M0BPQ
>
>
>

1398. RE: [transworld_radio] TW500 fault

Yahoo group: transworld_radio
Date: 2016-02-29 19:21:00 UTC
From: Mike Feher
Topic: 1395 Message: 1398

Steve –

I understand. I assumed that the TW500 was ½ of the TW1000. My 1000 uses two plug-in modules, from the front panel, each consisting of two boards with each of those having two MRF422s on them. Sounds like the 500 is significantly different. Yes, I agree, it would be easier to get the existing working. It would be simple enough to test the transistors, still with a bit of work, and measure the hfe of each. That should tell you the whole story. At a minimum, you would have to lift the base from the board of each transistor for the measurement. I have a nice tester made by PEAK that does an excellent job. There are also Chinese testers available for about $10 that should do the job adequately. Best wishes – 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, February 29, 2016 1:10 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] TW500 fault

Thanks for your note, Mike.

The amp has 8 x MRF454, so the cost isn't trivial even if I can find a matched set. At the moment I'm tempted to use the bpf and case with a 50v switcher and a new Rf deck. That's a significant project for me so I'd rather get the original working if possible!

73

Steve

Sent from my iPhone

On 29 Feb 2016, at 17:01, 'Mike Feher' n4fs@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

Steve –

I am not sure how much I am going to be of help. Not too long ago, I purchased a TW1000 which is essentially twice what you have plus the combiners. The prior owner did replace all 8 of the MRF422 transistors because a couple of them were bad. He does show a couple of YouTube videos with the unit in operation. I have not yet hooked up the amp as in the meantime I already had am ALS500M and decided to play with that first. I am very pleased with the operation of the ALS500M and really wonder if for the additional 3 dB or so of

improvement, hooking up the TW1000 would gain me anything at all, other than possible headaches with too much power into the tuner and so on. Replacing all four of your MRF422s with new ones would cost about $200, easily done by a ham as I looked at the workmanship on mine. That is still a lot less than the worth of your amplifier should you need to go that route. There is a bias adjustment for each pair and some equalization, so, I do not believe you need matched pairs. However, I do suggest you try to get all four from the same manufacturer, possibly Motorola. I am uncertain if the Chinese ones are original or copies? Also, when you keyed up the amp without any drive, did you have the input and output properly terminated? Could it have been oscillating? Regardless, good luck with it and if I can be of any further help please let me know. Of course, I do not know if I was any help at all, HI. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, February 29, 2016 9:27 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW500 fault

Hi Everyone,

I have just got my hands on a used TW500 (ex military service). It is in good, clean, condition but applying PTT (no RF drove) results in a steadily increased current draw up to about 20A when I hastily removed the PTT!

So, one or more RF transistors are kaput, it seems. The transistors don't have individual bias control, so does that mean I have to shell out for matched set? That probably makes repair uneconomic, but I wonder if anyone has war stories to share when repairing one of these fine amps? Sources of transistors? replacing the RF pallet with something else?

Cheers,

Steve M0BPQ

1400. Digital and TW7000

Yahoo group: transworld_radio
Date: 2016-03-13 05:20:35 UTC
From: afa7rw@...
Topic: 1400 Message: 1400

If anyone here uses FLDIGI or DM780 with the TW7000, I need to pick your brain about how you are keying the radio. My sound card is a U.S. Navigator and I have no problem keying the radio with MS-DMT but I can't get the radio transmit from the other digital programs.

Thanks,

Bob

1401. Re: Digital and TW7000

Yahoo group: transworld_radio
Date: 2016-03-13 15:42:29 UTC
From: n7shm@...
Topic: 1400 Message: 1401

Bob,

I use my TW7000 occasionally with DM780 and MARS-ALE through an interface box built from an old DB-25 A/B switch. That made it easy to pull off audio, PTT, and other goodness from the radio's accessory (DB-25) ports. As you may know, none of the accessory ports is wired exactly like a standard DB-25 for comm (e.g. modem DTE or DCE). I also added a DB-9 to the interface box for connection to the computer, also allowing connection of all three accessory ports to the interface's original DB-25s, if desired.

Of course, the box provides lots of space, wire, shielding, and panel space for jacks, lights, momentary button (for manual keying), etc. for automatic keying, I wired in a simple RTS line interface following, as I recall, a schematic on the HF-Link site. It's a standard approach to hardware keying with a transitor and glue, wherever you find it. That's been bulletproof.

For audio, I have three sound cards on my computer: the onboard audio, a high-end SoundBlaster, and a SignaLink USB. In complete contrast to my original Plans A and B, I found the onboard audio had the greatest stability. It's now dedicated to radio sound card operation, with the SoundBlaster used for other Windows applications. I use the SignaLink with another radio and, typically, DM780 with modes not so sensitive to its VOX delays.

Dan
N7SHM

1402. TW100F Fly-Away Transceiver -- clearing out my shack

Yahoo group: transworld_radio
Date: 2016-03-15 16:49:12 UTC
From: n9pse@...
Topic: 1402 Message: 1402

All;

I need to thin my radio holdings a bit, so looking at selling my TW100F. I replaced the AC power transformer and PA transistors, recently (using the procedure outlined in http://freespace.virgin.net/t.w100uk/replacing_pa_transistors.htm http://freespace.virgin.net/t.w100uk/replacing_pa_transistors.htm).

The radio includes a telephone-style handset/mic, manual antenna tuner, and unused DC and Accessory plugs. Unfortunately, I do not have the Halliburton transit case. Pictures available on request.

I'm not sure what an appropriate price is, these days, but I'm going to put $500 +shipping on it.

Because I've gotten so much good info from the group, here, I'll let y'all have first crack at it before I go with QRZ.com, eham.net, and/or eBay.

73!

Mark
N9PSE

1403. Re: TW100F Fly-Away Transceiver -- clearing out my shack

Yahoo group: transworld_radio
Date: 2016-03-15 19:08:02 UTC
From: Highpwr@...
Topic: 1402 Message: 1403

I'll take it if still available. Am at work and cant access my personal email but wll email direct shortly.

Steve
KM4V

1404. Re: TW100F Fly-Away Transceiver -- clearing out my shack

Yahoo group: transworld_radio
Date: 2016-03-17 16:53:31 UTC
From: n9pse@...
Topic: 1402 Message: 1404

All, many thanks for the emails...

The radio has gone to the first respondent, so it's no longer available.

73

1405. PRC1077 Seeking M2 (Synthesizer) Module

Yahoo group: transworld_radio
Date: 2016-03-31 04:23:44 UTC
From: PRC70
Topic: 1391 Message: 1405

Hello to all in the Group from warm but cloudy Western Australia,

Just a reminder that I am looking for a PRC-1077 M2 (Synthesizer) module.

I recently purchased a good condition but incomplete PRC-1077, I'm looking for anyone who might be able to sell me a M2 Module (synthesizer module), or has a wrecked PRC-1077 they might like to sell.

Please contact off group

regards and thanks
Brian

Brian Blum
VK6YET AXW100 VJW42

PRC1077 - almost
PRC1099 - works well, I like it.
PRC1099A - ALE fitted not working, but the rest of the radio works well.
RT7000 - RF but no audio yet.

1406. Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-25 19:09:55 UTC
From: parnaudl@...
Topic: 1406 Message: 1406

Hello to all, my name is Pedro Arnaud XE1YZY, in Querétaro México,thanks for let me join this group!
73S

1407. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-25 19:26:22 UTC
From: Andrew Mazuch
Topic: 1406 Message: 1407

Welcome
On Apr 25, 2016 15:09, "parnaudl@... [transworld_radio]" <
transworld_radio@yahoogroups.com> wrote:

>
>
> Hello to all, my name is Pedro Arnaud XE1YZY, in Querétaro México,thanks
> for let me join this group!
> 73S
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1408. RE: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-25 19:29:02 UTC
From: Mike Feher
Topic: 1406 Message: 1408

Nice to have you here Pedro. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, April 25, 2016 3:10 PM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Thanks for the add!

Hello to all, my name is Pedro Arnaud XE1YZY, in Querétaro México,thanks for let me join this group!
73S

1409. Hope to see you at Dayton 2016

Yahoo group: transworld_radio
Date: 2016-04-25 19:50:50 UTC
From: Dennis
Topic: 1409 Message: 1409

I hope to see some of you at Dayton May 19-22, spaces 3217-3219(look for the 30ft desert tan canopy flying the US & Signal Corps flags).
Start getting ready now(charge you batteries) for the below nets:3885AM old military radio net.
51.00FM cold war net.
18157.5USB HFpack/Milpack net.
All the above frequencies will be monitored throughout the event.
Spread the word! Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1410. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-25 20:35:24 UTC
From: Alex J Rokowetz
Topic: 1406 Message: 1410

Hello Pedro, Welcome the group. I hope you find this group helpful. Please tell us about the Transworld equipment that interests you. Best 73, Alex

From: "parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, April 25, 2016 3:09 PM
Subject: [transworld_radio] Thanks for the add!

  Hello to all, my name is Pedro Arnaud XE1YZY, in Querétaro México,thanks for let me join this group!
 73S

1411. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-26 15:12:24 UTC
From: Pedro Arnaud
Topic: 1406 Message: 1411

Good morning to all...Well, I have a RT100, the radio just come to my hands this week,finally I have one those great green radios!, the radio works, but have some issues, last owner replace one of the "Audio" connectors with a standard 4 pin socket,and then he wired a MC50 Kenwood microphone, with some kind of mic amplifier on it, hope this dont cause any harm to the VOGARD circuit, I don´t know if the original transworld microphone needs an amplifier...
Also, I can´t reduce the receiver audio volume to "0", hear some distortion at low audio level, but if I increase the volumen a little more, the distortion desapears.

The display light dont works, and need to replace all the rubber protection on switchs.
This going to be a great project, any help will be greatly appreciated!
73´S
Pedro (XE1YZY)

1412. RE: [transworld_radio] Hope to see you at Dayton 2016

Yahoo group: transworld_radio
Date: 2016-04-27 19:25:24 UTC
From: tacticalwookie
Topic: 1409 Message: 1412

See you all there!
FW 1172,1372,1373,1374

Ira

-------- Original message --------
From: "Dennis spike.dennis@yahoo.com [transworld_radio]"
<transworld_radio@yahoogroups.com>
Date: 04/25/2016 12:50 (GMT-08:00)
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Hope to see you at Dayton 2016

I
hope to see some of you at Dayton May 19-22, spaces 3217-3219(look for
the 30ft desert tan canopy flying the US & Signal Corps flags).
Start getting ready now(charge you batteries) for the below nets:3885AM old military radio net.
51.00FM cold war net.
18157.5USB HFpack/Milpack net.
All the above frequencies will be monitored throughout the event.
Spread the word! Dennis Starks
Military-Radio-Guy

KBØSFP

HFpack/Milpack, Monitor all:
3996usb, 5357usb, 7296usb,
14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1413. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-28 19:19:35 UTC
From: jhhaynes@...
Topic: 1406 Message: 1413

I don't know about the RT-100, but the TW-100 seems to expect an unamplified dynamic microphone, such as used with Kenwood radios, rather than an amplified mic such as used with Icom radios.

1414. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-28 20:43:22 UTC
From: parnaudl@...
Topic: 1406 Message: 1414

Hi Alex...

Thanks a lot, did you know where I can download the manual, my goal is left the radio as original as I can, my radio is a RT100/MP.

73'S XE1YZY / Pedro

1415. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-28 21:17:29 UTC
From: parnaudl@...
Topic: 1406 Message: 1415

Ok, thanks for the info, yes my plan is reinstall de original mic connector a microphone

73´s! Pedro XE1YZY

1416. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-29 11:23:14 UTC
From: Alex J Rokowetz
Topic: 1406 Message: 1416

Hello Pedro, You can download the manual from my site: Datron - Transworld

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Datron - Transworld
Datron - Transworld | |

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 Also, if you want to return the RT100 to original state, the part number for the mic connector is U-183/U. You can find them at eBay and other places online:All Categories

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All Categories
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Good luck with your project and let us know how you progress. Best 73, AlexK2AJR

From: "parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, April 28, 2016 4:43 PM
Subject: Re: [transworld_radio] Thanks for the add!

  Hi Alex...

Thanks a lot, did you know where I can download the manual, my goal is left the radio as original as I can, my radio is a RT100/MP.

73'S XE1YZY / Pedro

1417. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-29 11:26:48 UTC
From: Alex J Rokowetz
Topic: 1406 Message: 1417

Hello Pedro, Original mic for this radio is M-80C/U. This mic is made by several manufacturers. A wise sage taught me that the best quality M-80C/U mics are manufactured by Electro-Voice. You can find them at many online sites including eBay. Best
73, AlexK2AJR

From: "parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, April 28, 2016 5:17 PM
Subject: Re: [transworld_radio] Thanks for the add!

Ok, thanks for the info, yes my plan is reinstall de original mic connector a microphone

73´s! Pedro XE1YZY

1418. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-29 14:17:51 UTC
From: Pedro Arnaud
Topic: 1406 Message: 1418

Thanks Alex for your help and support, do you have an idea of where I can buy the service manual?
73´s Pedro XE1YZY

De: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
Para: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Enviado: Viernes 29 de abril de 2016 6:23
Asunto: Re: [transworld_radio] Thanks for the add!

Hello Pedro, You can download the manual from my site: Datron - Transworld

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Datron - Transworld
Datron - Transworld | |

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Also, if you want to return the RT100 to original state, the part number for the mic connector is U-183/U. You can find them at eBay and other places online:All Categories

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Good luck with your project and let us know how you progress. Best 73, AlexK2AJR

From: "parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, April 28, 2016 4:43 PM
Subject: Re: [transworld_radio] Thanks for the add!

Hi Alex...

Thanks a lot, did you know where I can download the manual, my goal is left the radio as original as I can, my radio is a RT100/MP.

73'S XE1YZY / Pedro

1419. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-29 16:20:12 UTC
From: Alex J Rokowetz
Topic: 1406 Message: 1419

Pedro, I do not. I purchased the pdf version from www/.american-milspec.com I do not think they have a printed version of the manual. I have never seen a printed version of the manual for sale. Alex

From: "Pedro Arnaud parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 10:17 AM
Subject: Re: [transworld_radio] Thanks for the add!

Thanks Alex for your help and support, do you have an idea of where I can buy the service manual?
73´s Pedro XE1YZY

De: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
Para: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Enviado: Viernes 29 de abril de 2016 6:23
Asunto: Re: [transworld_radio] Thanks for the add!

Hello Pedro, You can download the manual from my site: Datron - Transworld

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Also, if you want to return the RT100 to original state, the part number for the mic connector is U-183/U. You can find them at eBay and other places online:All Categories

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Good luck with your project and let us know how you progress. Best 73, AlexK2AJR

From: "parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, April 28, 2016 4:43 PM
Subject: Re: [transworld_radio] Thanks for the add!

Hi Alex...

Thanks a lot, did you know where I can download the manual, my goal is left the radio as original as I can, my radio is a RT100/MP.

73'S XE1YZY / Pedro

1420. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-29 19:50:43 UTC
From: Dennis
Topic: 1406 Message: 1420

It sure would be nice if the subject line had something to do with the content of the message. In fact, I rather doubt that it ever did. In any case, it sure is getting tired!
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 11:20 AM
Subject: Re: [transworld_radio] Thanks for the add!

1421. Re: [transworld_radio] Thanks for the add!

Yahoo group: transworld_radio
Date: 2016-04-29 21:43:17 UTC
From: Pedro Arnaud
Topic: 1406 Message: 1421

TNX Alex!

De: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
Para: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Enviado: Viernes 29 de abril de 2016 11:20
Asunto: Re: [transworld_radio] Thanks for the add!

Pedro, I do not. I purchased the pdf version from www/.american-milspec.com I do not think they have a printed version of the manual. I have never seen a printed version of the manual for sale. Alex

From: "Pedro Arnaud parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 10:17 AM
Subject: Re: [transworld_radio] Thanks for the add!

Thanks Alex for your help and support, do you have an idea of where I can buy the service manual?
73´s Pedro XE1YZY

De: "Alex J Rokowetz belarok@... [transworld_radio]" <transworld_radio@yahoogroups.com>
Para: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Enviado: Viernes 29 de abril de 2016 6:23
Asunto: Re: [transworld_radio] Thanks for the add!

Hello Pedro, You can download the manual from my site: Datron - Transworld

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Also, if you want to return the RT100 to original state, the part number for the mic connector is U-183/U. You can find them at eBay and other places online:All Categories

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All Categories
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Good luck with your project and let us know how you progress. Best 73, AlexK2AJR

From: "parnaudl@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Thursday, April 28, 2016 4:43 PM
Subject: Re: [transworld_radio] Thanks for the add!

Hi Alex...

Thanks a lot, did you know where I can download the manual, my goal is left the radio as original as I can, my radio is a RT100/MP.

73'S XE1YZY / Pedro

1422. Microphone for RT-100

Yahoo group: transworld_radio
Date: 2016-04-30 01:13:18 UTC
From: jhhaynes@...
Topic: 1406 Message: 1422

and other radios. What are the names of the connector on the microphone cable and the mating connector on the radio?

1423. Re: [transworld_radio] Microphone for RT-100

Yahoo group: transworld_radio
Date: 2016-04-30 06:03:24 UTC
From: Arthur M
Topic: 1406 Message: 1423

Hi to all in my 1st post on the group.
Just to cut it short. Here is the answer on all aspects on this question:
U-229 Pin Out

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U-229 Pin Out
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With regards
Arthur EI7GMB

On Saturday, April 30, 2016 2:13 AM, "jhhaynes@... [transworld_radio]"
<transworld_radio@yahoogroups.com> wrote:

  and other radios. What are the names of the connector on the microphone cable
and the mating connector on the radio?

1424. Re: [transworld_radio] Microphone for RT-100

Yahoo group: transworld_radio
Date: 2016-04-30 10:42:37 UTC
From: Alex J Rokowetz
Topic: 1406 Message: 1424

Here's what I know: The military designators for these type of connectors is MIL-DTL-M55116. They are made by a variety of manufacturers that use their own part numbers. They are easily sourced from the usual places such as Mouser, Newark, or Allied Elec. Seller on eBay regularly offer these connectors in both new and used condition. My RT100 has two types connectors on the front, a 5-pin connector and a 6-pin connector. The 6-pin connector is exactly the same as the 5-pin connector but has an additional center pin that supplies 12VDC to power external audio devices. The cable mount connector for the M80 mic (or other audio device) is generally referred to as a U229/U connector and the panel mount connector is generally referred to as a U183/U connector. The cable mount connector for an audio device that requires 12VDC power supplied through the M55116 connector is generally referred to as a U329/U connector and the mating panel mount connector that supplies 12VDC power through a 6th pin is generally referred to as a U283/U connector. Here's links to four catalogs from four manufacturers that should answer any questions that one may have about these types of connectors: Amphenol https://app.box.com/s/dd4kumsq80wqkkylwz5n7nzgy6eviit2 Glenair https://app.box.com/s/hduahxvx5hkxu5sct8gxt9oew6be00au Cooper https://app.box.com/s/00x9b96ftzrio1oavh4fkazq1v1oi3jh Cooper/Eaton https://app.box.com/s/3a3i0oozduo57fchymg5h49bdkmbq8pi AlexK2AJR

From: "jhhaynes@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, April 29, 2016 9:13 PM
Subject: [transworld_radio] Microphone for RT-100

and other radios. What are the names of the connector on the microphone cable and the mating connector on the radio?

1425. MICs for TW100 & RT100

Yahoo group: transworld_radio
Date: 2016-05-01 19:05:38 UTC
From: Bruno W4AFK
Topic: 1425 Message: 1425

The TW100 and RT100 were designed to use non-amplified mics. The internal VOGAD circuit (Voice Operated GAin Device) makes sure that maximum audio is provided without overloading the radio. VOGAD circuits are also called "Whisper Mode" as they are designed to take low level audio (aka whispering) and amplify it. However, this is NOT a compressor.

BTW, the "squelch" circuits on these radios are "Syllabic Squelch". For those not familiar with this technology, it can be a bit confusing at times LOL.

Bruno Haineault, W4AFK

[Local: Yaesu FTDX-1200, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 D-Star, Hytera PD782 DMR, CS800 DMR. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, 100m "long wire" w/MFJ-994BRT tuner, ALS-600S amp, RemoteRig - see QRZ]

1426. TW-100 Radios for Sale - Pickup at Dayton Hamvention Available

Yahoo group: transworld_radio
Date: 2016-05-11 16:55:16 UTC
From: Radio Station KW1I
Topic: 1426 Message: 1426

2 TW-100 Transworld HF Transceivers, both in very good cosmetic and operating condition with original microphone and power cord.

Radios can be demo’d at Dayton (fleamarket spaces 2923-26)

For more information and pictures contact kw1i@...

1427. RE: [transworld_radio] TW-100 Radios for Sale - Pickup at Dayton Hamvention Available

Yahoo group: transworld_radio
Date: 2016-05-11 18:42:25 UTC
From: johnmb
Topic: 1426 Message: 1427

Hi Dale....what is your asking price please... and can you send pix?

73john k5mo

Sent via the Samsung GALAXY S® 5, an AT&T 4G LTE smartphone

-------- Original message --------
From: "'Radio Station KW1I' kw1i@earthlink.net [transworld_radio]"
<transworld_radio@yahoogroups.com>
Date: 5/11/2016 12:55 PM (GMT-05:00)
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] TW-100 Radios for Sale - Pickup at Dayton Hamvention Available

2 TW-100 Transworld HF Transceivers, both in very good cosmetic and
operating condition with original microphone and power cord.

Radios can be demo’d at Dayton (fleamarket spaces 2923-26)

For more information and pictures contact kw1i@earthlink.net

1428. need M2 Module TW100

Yahoo group: transworld_radio
Date: 2016-05-14 05:20:42 UTC
From: george@...
Topic: 1428 Message: 1428

As stated I'm looking for a M2 module with the LSB option. I have a M2 with USB only.

Also, if anyone has a power transformer for the TW100 I'd like to get one of those as well. I bought a USB only 12V only unit I'd like to upgrade. And can't make it to Dayton as originally planned. So can't shop for it all there.

Thanks

GeorgeC
W2DB

1429. RE: [transworld_radio] need M2 Module TW100

Yahoo group: transworld_radio
Date: 2016-05-14 16:10:46 UTC
From: Mike Feher
Topic: 1428 Message: 1429

George –

I looked you up on QRZ since you have a 2 call, and low and behold, you are close to me. I have numerous TW100s, that I purchased on eBay, and, to date never played with any one of them. For net ops I usually use one of my TW7000s. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, May 14, 2016 1:21 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] need M2 Module TW100

As stated I'm looking for a M2 module with the LSB option. I have a M2 with USB only.

Also, if anyone has a power transformer for the TW100 I'd like to get one of those as well. I bought a USB only 12V only unit I'd like to upgrade. And can't make it to Dayton as originally planned. So can't shop for it all there.

Thanks

GeorgeC
W2DB

1430. RE: [transworld_radio] need M2 Module TW100

Yahoo group: transworld_radio
Date: 2016-05-14 22:11:13 UTC
From: bc375
Topic: 1428 Message: 1430

George. Many (If not all) M2 modules had both USB and LSB. The radios with only one mode had a wire left in the harness unconnected to the module plug. Look in the manual at the schematic for the M2 module and then look in the module itself. You may find as I have in the past that the module is ready to go (Has all the parts for both modes)once the wire outside the M2 chassis plug is connected. That wire runs back to the front panel mode switch. I think your M2 module likely will have all the needed parts. Check it out. You may be in for a pleasant surprise. Charlie KA1GON

Sent from my Verizon, Samsung Galaxy smartphone
-------- Original message --------From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com> Date: 5/14/16 12:10 PM (GMT-05:00) To: transworld_radio@yahoogroups.com Subject: RE: [transworld_radio] need M2 Module TW100

George – I looked you up on QRZ since you have a 2 call, and low and behold, you are close to me. I have numerous TW100s, that I purchased on eBay, and, to date never played with any one of them. For net ops I usually use one of my TW7000s. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, May 14, 2016 1:21 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] need M2 Module TW100 As stated I'm looking for a M2 module with the LSB option. I have a M2 with USB only.

Also, if anyone has a power transformer for the TW100 I'd like to get one of those as well. I bought a USB only 12V only unit I'd like to upgrade. And can't make it to Dayton as originally planned. So can't shop for it all there.

Thanks

GeorgeC
W2DB

1431. RE: [transworld_radio] need M2 Module TW100

Yahoo group: transworld_radio
Date: 2016-05-15 14:15:37 UTC
From: george@...
Topic: 1428 Message: 1431
Attachments: 2 described; binary payloads are missing from this source WARC

Well, attached is a picture of the top of the M2 module. And I did, in fact, have the cover off to see if it was a wire snip, etc. But the six crystals that make up the filter are not there and never were. Also on the schematic the LSB filter components are all shown with "*". Last fall this led me on a global chase for crystals to make my own filter, even had engineers at ICM working on it for me but the cost of crystals under 1800 khz is just insane. But 100 khz, 1000 khz you can buy all day for pennies. GO figure. Also attached a pdf excerpt of the schematic showing how it's not exactly included in all.

So...if anybody encounters a M2 or a parts radio, face it, all electronics can be blown up as long as I can harvest these six crystals...

Thanks folks.

1432. TW7000 boards for sale on eBay

Yahoo group: transworld_radio
Date: 2016-05-20 11:06:37 UTC
From: Alex J Rokowetz
Topic: 1432 Message: 1432

Gents, I saw these come up in my eBay feed and thought I would bring them to the attention of the group. I am not associated with the seller nor do I have any experience buying or selling with him. Best 73, AlexK2AJR san.zuesxsodm | eBay

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| | |

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|
| |
san.zuesxsodm | eBay
Shop eBay for great deals from san.zuesxsodm! | |

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1433. RT5500 Vehicle Mounts for Sale

Yahoo group: transworld_radio
Date: 2016-05-22 20:13:44 UTC
From: Alex J Rokowetz
Topic: 1433 Message: 1433

Gents, During a recent business trip to San Diego, I set aside some time from vendors and suppliers and made the obligatory visit to Murphy's Surplus. While there, I scooped up a handful of Transworld vehicle mounts... various sizes. After I got home, I matched them up to various pieces of equipment and found that I have a couple that are surplus to my needs. They fit the Transworld RT5500 Data Message Terminal. I know the RT5550 is super rare so I don't know if anyone actually needs one of these, but... if anyone could use a vehicle mount for their RT5500, let me know. AlexK2AJR

1434. RT100MP

Yahoo group: transworld_radio
Date: 2016-06-08 15:57:18 UTC
From: n4dkd@...
Topic: 269 Message: 1434
Attachments: 1 described; binary payloads are missing from this source WARC

I recently traded for RT100MP. It has different layout on the front panel from some of the pictures I have seen.
Does anyone know if this is a first production model of later ?

Thanks

Brian

N4DKD

1435. Re: [transworld_radio] RT100MP [1 Attachment]

Yahoo group: transworld_radio
Date: 2016-06-08 16:08:15 UTC
From: Dennis
Topic: 269 Message: 1435

I'd say older following with the standard TW100 and multiple rotary controls.Internally it is the same.

The only reason for the change in the front panel layout was to enable easier installation and control of options without defacing the radio. This is apparent when you see early stock radios with the noise blanker, or selcal, installed using goof plates.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "n4dkd@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, June 8, 2016 10:57 AM
Subject: [transworld_radio] RT100MP [1 Attachment]

<!--#yiv3060718174 #yiv3060718174 .yiv3060718174ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3060718174 div.yiv3060718174ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv3060718174 div.yiv3060718174photo-title a, #yiv3060718174 div.yiv3060718174photo-title a:active, #yiv3060718174 div.yiv3060718174photo-title a:hover, #yiv3060718174 div.yiv3060718174photo-title a:visited {text-decoration:none;}#yiv3060718174 div.yiv3060718174attach-table div.yiv3060718174attach-row {clear:both;}#yiv3060718174 div.yiv3060718174attach-table div.yiv3060718174attach-row div {float:left;}#yiv3060718174 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3060718174 div.yiv3060718174ygrp-file {width:30px;}#yiv3060718174 div.yiv3060718174attach-table div.yiv3060718174attach-row div div a {text-decoration:none;}#yiv3060718174 div.yiv3060718174attach-table div.yiv3060718174attach-row div div span {font-weight:normal;}#yiv3060718174 div.yiv3060718174ygrp-file-title {font-weight:bold;}#yiv3060718174 --> <!--#yiv3060718174 #yiv3060718174ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv3060718174 #yiv3060718174ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv3060718174 #yiv3060718174ygrp-mkp #yiv3060718174hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv3060718174 #yiv3060718174ygrp-mkp #yiv3060718174ads {margin-bottom:10px;}#yiv3060718174 #yiv3060718174ygrp-mkp .yiv3060718174ad {padding:0 0;}#yiv3060718174 #yiv3060718174ygrp-mkp .yiv3060718174ad p {margin:0;}#yiv3060718174 #yiv3060718174ygrp-mkp .yiv3060718174ad a {color:#0000ff;text-decoration:none;}-->[Attachment(s) from n4dkd@... [transworld_radio] included below]

I recently traded for RT100MP. It has different layout on the front panel from some of the pictures I have seen. Does anyone know if this is a first production model of later ?
Thanks
Brian

N4DKD

1436. Re: [transworld_radio] RT100MP [1 Attachment]

Yahoo group: transworld_radio
Date: 2016-06-08 16:23:15 UTC
From: Alex J Rokowetz
Topic: 269 Message: 1436

Brian, Transworld assigned serial numbers sequentially in order of manufacture. What is the serial number of your transceiver? AlexK2AJR

From: "n4dkd@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, June 8, 2016 11:57 AM
Subject: [transworld_radio] RT100MP [1 Attachment]

[Attachment(s) from n4dkd@... [transworld_radio] included below] I recently traded for RT100MP. It has different layout on the front panel from some of the pictures I have seen. Does anyone know if this is a first production model of later ?
Thanks
Brian
N4DKD

1437. Re: [transworld_radio] RT100MP [1 Attachment]

Yahoo group: transworld_radio
Date: 2016-06-08 16:36:07 UTC
From: Dave Panek
Topic: 269 Message: 1437

I think intermediate production. Early models had a bigger keypad.
You did good since it has the high stability option TCXO oven.

Dave KE4MLV

On 6/8/2016 11:57 AM, n4dkd@... [transworld_radio] wrote:
> [Attachment(s) <#TopText> from n4dkd@... [transworld_radio]
> included below]
>
> I recently traded for RT100MP. It has different layout on the front
> panel from some of the pictures I have seen.
>
> Does anyone know if this is a first production model of later ?
>
>
> Thanks
>
>
> Brian
>
>
> N4DKD
>
>

1438. Re: [transworld_radio] RT100MP [1 Attachment]

Yahoo group: transworld_radio
Date: 2016-06-08 17:34:25 UTC
From: n4dkd@...
Topic: 269 Message: 1438

Thanks Dennis

1439. Re: [transworld_radio] RT100MP [1 Attachment]

Yahoo group: transworld_radio
Date: 2016-06-09 11:04:27 UTC
From: n4dkd@...
Topic: 269 Message: 1439

Thanks for the info Dave

1440. Re: [transworld_radio] RT100MP [1 Attachment]

Yahoo group: transworld_radio
Date: 2016-06-09 11:18:28 UTC
From: n4dkd@...
Topic: 269 Message: 1440

Alex the serial is 64082-cq,

thanks

1441. Thanks for the add and my Metron MA1000

Yahoo group: transworld_radio
Date: 2016-06-17 05:16:02 UTC
From: Ray Tucker
Topic: 1441 Message: 1441

Thank You for the add to the group. My name is Alvin Ray Tucker. My ham call sign is n0zyx. I go by the name of Ray. I haven't been doing much in ham radio for a long time. Family came first. But now that I have been forced into retirement by my disability's I have pulled out my ham radios again. I'm also going to start working on ham equipment again. I sold most of my radio gear and test equipment. Now I'm working on replacing it. I asked to join the group because of the research I did on the Metron MA1000 amp I have. We had a member in out ham club that passed. His wife was selling his gear to pay for some bills left by him. I picked up the Matron from her. I knew it didn't work but paid what she wanted to help. I have ran some test on the unit and it will TX but the output is very low. I will be working on it about late summer or fall of this year when I get the repair area setup. I hope I will be able to ask questions here if I get stuck. Thanks for your time and thanks for letting me in the group.
Ray Tucker
Sunrise Beach Missouri.

1442. FS: Transworld PRC-BC4 battery charger

Yahoo group: transworld_radio
Date: 2016-08-19 22:52:35 UTC
From: Dennis
Topic: 1442 Message: 1442

Anybody need one?This one is like new but I have no use for it.Charges PRC-25/77 type batteries for use in the PRC-1099 -1077 etc.
$200 shipped, I think I have some rebuildable batteries I can throw in the box too. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1443. New to group.

Yahoo group: transworld_radio
Date: 2016-08-29 23:12:36 UTC
From: dick rackson
Topic: 1443 Message: 1443

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } Hi my name is Rick I'm new to the group. I have a few tw100 and 100f as well as a datron 7000? I can't remember the model on that one. But that's the one I need info on. It is in a rack system with ps and amplifier. I'll post later with the model after I go and check. I'm sort of disabled so moving around is a big deal. Sorry. I don't know how active this group is but I'd like to learn about the rigs I have. Oh and I'm a general license. Thanks Rick.

Sent from Yahoo Mail for iPad

1444. New user

Yahoo group: transworld_radio
Date: 2016-08-29 23:17:33 UTC
From: dickrackson@...
Topic: 1444 Message: 1444

Hi my name is Rick I'm new to the group. I have a few tw100 and 100f as well as a datron 7000? I can't remember the model on that one. But that's the one I need info on. It is in a rack system with ps and amplifier. I'll post later with the model after I go and check. I'm sort of disabled so moving around is a big deal. Sorry. I don't know how active this group is but I'd like to learn about the rigs I have. Oh and I'm a general license.

Thanks Rick

1445. Re: [transworld_radio] New user

Yahoo group: transworld_radio
Date: 2016-08-30 00:08:33 UTC
From: Alex J Rokowetz
Topic: 1444 Message: 1445

Hi Rick, Welcome to the group. Have a look in the files section of this group where we have lots of manuals posted. IF you don't find what you are looking for there I have a stash of Transworld and Datron located at my Box account. You can access it without signing up for a Box account by clicking this link: Datron - Transworld

|
| |
Datron - Transworld
Datron - Transworld | |

|

The TW7000 is a very fine radio and has a number of options which may or may not be installed in your radio. Datron does a good job of documenting its products so the manuals should be very helpful in figuring out what options are installed in your radio and in learning how to use your radio and any installed options. I run several TW7000 radios here in my shack and used to run a rack mounted system like yours with the power supply and amp at a previous job. I know there are other group members here that also run TW7000 radios in their shacks as well. Feel free to post with your questions or concerns and please let us know how you progress. Best 73, AlexK2AJR

From: "dickrackson@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 7:17 PM
Subject: [transworld_radio] New user

  Hi my name is Rick I'm new to the group. I have a few tw100 and 100f as well as a datron 7000? I can't remember the model on that one. But that's the one I need info on. It is in a rack system with ps and amplifier. I'll post later with the model after I go and check. I'm sort of disabled so moving around is a big deal. Sorry. I don't know how active this group is but I'd like to learn about the rigs I have. Oh and I'm a general license.
Thanks Rick

1446. Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 00:41:45 UTC
From: dickrackson@...
Topic: 1444 Message: 1446

Thanks Alex. What is the model number I'm looking for as to the amp used with the tw7000?
Rick
Kc3ebw

1447. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 00:49:07 UTC
From: Alex J Rokowetz
Topic: 1444 Message: 1447

Hi Rick, It depends. Some of the TW7000 rack systems were 1KW stations while others were 500W stations. The amplifier model numbers could be TW500A TW1000, TW1000A, or TW1000B. AlexK2AJR
From: "dickrackson@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 8:41 PM
Subject: [transworld_radio] Re: New user

  Thanks Alex. What is the model number I'm looking for as to the amp used with the tw7000?RickKc3ebw

1448. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 01:00:04 UTC
From: dickrackson@...
Topic: 1444 Message: 1448

There is nothing noted on the front but perhaps I'll see something in the back. There's just a large meter on the front with 2 switches and an indicator light. Rick

1449. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 01:30:00 UTC
From: Alex J Rokowetz
Topic: 1444 Message: 1449
Attachments: 1 described; binary payloads are missing from this source WARC

Rick, Not sure is the attachment will go through but it's a photo of a TW7000 rack system with a TW1000A/B amplifier. Does your amp look like this one? AlexK2AJR

From: "dickrackson@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:00 PM
Subject: Re: [transworld_radio] Re: New user

  There is nothing noted on the front but perhaps I'll see something in the back. There's just a large meter on the front with 2 switches and an indicator light. Rick

1450. Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 01:35:18 UTC
From: dickrackson@...
Topic: 1444 Message: 1450

No it's shorter Top is the radio then a section with two meters then the bottom section with two switches and one large meter does that help? Rick

1451. RE: [transworld_radio] Re: New user [1 Attachment]

Yahoo group: transworld_radio
Date: 2016-08-30 01:40:13 UTC
From: Mike Feher
Topic: 1444 Message: 1451

Alex –

What are the three panels below the TW7000 and the amp? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:30 PM
To: transworld_radio@yahoogroups.com; dickrackson@...
Subject: Re: [transworld_radio] Re: New user [1 Attachment]

[Attachment(s) from Alex J Rokowetz included below]

Rick,

Not sure is the attachment will go through but it's a photo of a TW7000 rack system with a TW1000A/B amplifier. Does your amp look like this one?

Alex

K2AJR

From: "dickrackson@... [transworld_radio] <mailto:dickrackson@...%20[transworld_radio]> " <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:00 PM
Subject: Re: [transworld_radio] Re: New user

There is nothing noted on the front but perhaps I'll see something in the back. There's just a large meter on the front with 2 switches and an indicator light.

Rick

1452. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 01:47:57 UTC
From: Alex J Rokowetz
Topic: 1444 Message: 1452

Mike, Top to bottom: ----------TW7000 XCVR----------BLANK----------AZIMUTH CONTROLLER---------- BLANK----------AMPLIFIER----------POWER SUPPLY---------- AlexK2AJR

  From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com; dickrackson@...
Sent: Monday, August 29, 2016 9:40 PM
Subject: RE: [transworld_radio] Re: New user

  Alex – What are the three panels below the TW7000 and the amp? Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:30 PM
To: transworld_radio@yahoogroups.com; dickrackson@yahoo.com
Subject: Re: [transworld_radio] Re: New user [1 Attachment] [Attachment(s) from Alex J Rokowetz included below] Rick, Not sure is the attachment will go through but it's a photo of a TW7000 rack system with a TW1000A/B amplifier. Does your amp look like this one? AlexK2AJR From: "mailto:dickrackson@...%20[transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@...m
Sent: Monday, August 29, 2016 9:00 PM
Subject: Re: [transworld_radio] Re: New user There is nothing noted on the front but perhaps I'll see something in the back. There's just a large meter on the front with 2 switches and an indicator light. Rick

1453. RE: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 01:51:46 UTC
From: Mike Feher
Topic: 1444 Message: 1453

I kind of thought a few may have been blank, but, I never heard of an azimuth controller.
Thanks & 73 - Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:48 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: New user

Mike,

Top to bottom:

TW7000 XCVR

BLANK

AZIMUTH CONTROLLER

BLANK

AMPLIFIER

POWER SUPPLY

Alex

K2AJR

From: "'Mike Feher' n4fs@...m [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com; dickrackson@...
Sent: Monday, August 29, 2016 9:40 PM
Subject: RE: [transworld_radio] Re: New user

Alex –

What are the three panels below the TW7000 and the amp? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:30 PM
To: transworld_radio@yahoogroups.com; dickrackson@...
Subject: Re: [transworld_radio] Re: New user [1 Attachment]

[<https://mg.mail.yahoo.com/neo/launch?.rand=ej3csqcpf6qvr#TopText> Attachment(s) from Alex J Rokowetz included below]

Rick,

Not sure is the attachment will go through but it's a photo of a TW7000 rack system with a TW1000A/B amplifier. Does your amp look like this one?

Alex

K2AJR

From: "mailto:dickrackson@...%20[transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:00 PM
Subject: Re: [transworld_radio] Re: New user

There is nothing noted on the front but perhaps I'll see something in the back. There's just a large meter on the front with 2 switches and an indicator light.

Rick

1454. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 02:10:11 UTC
From: Alex J Rokowetz
Topic: 1444 Message: 1454

Mike, We used a number of antennas at this facility, one of which was a beam antenna. It was installed on a roof mounted tower with a rotator. This device was used to control the azimuth of the beam antenna. It's been years and I cannot remember the manufacturer of the controller.
AlexK2AJR
From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:51 PM
Subject: RE: [transworld_radio] Re: New user

  I kind of thought a few may have been blank, but, I never heard of an azimuth controller. Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:48 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: New user   Mike, Top to bottom: ----------TW7000 XCVR----------BLANK----------AZIMUTH CONTROLLER---------- BLANK----------AMPLIFIER----------POWER SUPPLY----------   AlexK2AJR

 From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com; dickrackson@...
Sent: Monday, August 29, 2016 9:40 PM
Subject: RE: [transworld_radio] Re: New user   Alex – What are the three panels below the TW7000 and the amp? Thanks & 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:30 PM
To: transworld_radio@yahoogroups.com; dickrackson@...
Subject: Re: [transworld_radio] Re: New user [1 Attachment]   [Attachment(s) from Alex J Rokowetz included below] Rick, Not sure is the attachment will go through but it's a photo of a TW7000 rack system with a TW1000A/B amplifier. Does your amp look like this one? AlexK2AJR From: "mailto:dickrackson@...%20[transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:00 PM
Subject: Re: [transworld_radio] Re: New user   There is nothing noted on the front but perhaps I'll see something in the back. There's just a large meter on the front with 2 switches and an indicator light. Rick

1455. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 02:19:13 UTC
From: Alex J Rokowetz
Topic: 1444 Message: 1455
Attachments: 1 described; binary payloads are missing from this source WARC

Rick, How about this attached photo? This is a TW7000, power supply, and 500W amp. AlexK2AJR

From: "dickrackson@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:35 PM
Subject: [transworld_radio] Re: New user

No it's shorter Top is the radio then a section with two meters then the bottom section with two switches and one large meter does that help?Rick

1456. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 02:20:51 UTC
From: dickrackson@...
Topic: 1444 Message: 1456

The photo didn't come thru Rick

1457. RE: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 02:22:08 UTC
From: Mike Feher
Topic: 1444 Message: 1457

Alex –

That is what I thought believe it or not. Scientific Atlanta used to make a lot of commercial/military controllers. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 10:10 PM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: New user

Mike,

We used a number of antennas at this facility, one of which was a beam antenna. It was installed on a roof mounted tower with a rotator. This device was used to control the azimuth of the beam antenna. It's been years and I cannot remember the manufacturer of the controller.

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:51 PM
Subject: RE: [transworld_radio] Re: New user

I kind of thought a few may have been blank, but, I never heard of an azimuth controller. Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:48 PM

To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: New user

Mike,

Top to bottom:

TW7000 XCVR

BLANK

AZIMUTH CONTROLLER

BLANK

AMPLIFIER

POWER SUPPLY

Alex

K2AJR

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com; dickrackson@...
Sent: Monday, August 29, 2016 9:40 PM
Subject: RE: [transworld_radio] Re: New user

Alex –

What are the three panels below the TW7000 and the amp? Thanks & 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Monday, August 29, 2016 9:30 PM
To: transworld_radio@yahoogroups.com; dickrackson@...
Subject: Re: [transworld_radio] Re: New user [1 Attachment]

[<https://mg.mail.yahoo.com/neo/launch?.rand=ej3csqcpf6qvr#TopText> Attachment(s) from Alex J Rokowetz included below]

Rick,

Not sure is the attachment will go through but it's a photo of a TW7000 rack system with a TW1000A/B amplifier. Does your amp look like this one?

Alex

K2AJR

From: "mailto:dickrackson@...%20[transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 9:00 PM
Subject: Re: [transworld_radio] Re: New user

There is nothing noted on the front but perhaps I'll see something in the back. There's just a large meter on the front with 2 switches and an indicator light.

Rick

1458. Re: [transworld_radio] Re: New user

Yahoo group: transworld_radio
Date: 2016-08-30 02:24:46 UTC
From: dickrackson@...
Topic: 1444 Message: 1458

Actually I found the photo. The bottom module is the same as the bottom module on mine but in between is a module with two meters one amps and one volts

1459. Re: TW7000 Transceiver with Power Supply and Amplifier

Yahoo group: transworld_radio
Date: 2016-08-30 02:39:50 UTC
From: Alex J Rokowetz
Topic: 1444 Message: 1459

Rick, Ok, so the bottom module is a 500W amp... TW500. The one with the two meters should be the power supply... maybe a PS500.
AlexK2AJR
From: "dickrackson@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Monday, August 29, 2016 10:24 PM
Subject: Re: [transworld_radio] Re: New user

  Actually I found the photo. The bottom module is the same as the bottom module on mine but in between is a module with two meters one amps and one volts

1460. Re: TW7000 Transceiver with Power Supply and Amplifier

Yahoo group: transworld_radio
Date: 2016-08-30 14:29:38 UTC
From: dickrackson@...
Topic: 1444 Message: 1460

Alex Sorry I had to get some sleep. Thank you so much for the help. You are very gracious with your time and knowledge
Rick

1461. RE: [transworld_radio] Re: TW7000 Transceiver with Power Supply and Amplifier

Yahoo group: transworld_radio
Date: 2016-08-30 14:36:50 UTC
From: Mike Feher
Topic: 1444 Message: 1461

Rick –

Alex has helped me out a lot in the past. He is very knowledgeable about this equipment suite and makes a great effort to help everyone as much as he can, in spite of his demanding schedule. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Tuesday, August 30, 2016 10:30 AM
To: transworld_radio@yahoogroups.com
Subject: [transworld_radio] Re: TW7000 Transceiver with Power Supply and Amplifier

Alex

Sorry I had to get some sleep. Thank you so much for the help. You are very gracious with your time and knowledge

Rick

1462. TWC SS10 radio

Yahoo group: transworld_radio
Date: 2016-08-31 13:01:23 UTC
From: davidlemc@...
Topic: 1462 Message: 1462

Hello everyone:

Someone could help me with the service manual or any information for TWC SS10 radio?

This is a team not synthesized.

Thanks in advance.

David

1463. tw7000

Yahoo group: transworld_radio
Date: 2016-09-01 09:37:42 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1463

I have a question for all. I have noticed a problem with the AME mode. If you are on an AM net there is a problem with stations being off frequency the claifier helps but that is pain. I hate to CB as an example but the filter is 6khz wide solves most of the problem the tw is 2.7 wide I have tried a 3.3 it helps a little. That being said I have found the manufacturer of the filter and they can make a 6khz filter the problem is how to know when the radio is in ame mode vs ssb mode. Does anyone have any ideas?roger

1464. Re: New to group.

Yahoo group: transworld_radio
Date: 2016-09-01 09:47:44 UTC
From: gotco.inc@...
Topic: 1443 Message: 1464

I have 2 new of the 7000s with 500B amps and 1000 what tuners how can I help? roger

1465. Re: [transworld_radio] tw7000

Yahoo group: transworld_radio
Date: 2016-09-01 11:57:17 UTC
From: Dennis
Topic: 1463 Message: 1465

Transworlds, as well as most other commercial/military/marine HF SSB transceivers, do not have an AM product detector for receive. They depend on your zero beating the AM carrier to receive. I/E they are essentially in USB when receiving AM. There isn't anything you can do about it.

Transworlds are particularly bad performers in the AM mode both transmit & receive.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "ROGER GOTTHEIMER gotco.inc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 1, 2016 4:37 AM
Subject: [transworld_radio] tw7000

<!--#yiv7800178943 #yiv7800178943 .yiv7800178943ygrp-photo-title{clear:both;font-size:smaller;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv7800178943 div.yiv7800178943ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;min-height:62px;width:62px;}#yiv7800178943 div.yiv7800178943photo-title a, #yiv7800178943 div.yiv7800178943photo-title a:active, #yiv7800178943 div.yiv7800178943photo-title a:hover, #yiv7800178943 div.yiv7800178943photo-title a:visited {text-decoration:none;}#yiv7800178943 div.yiv7800178943attach-table div.yiv7800178943attach-row {clear:both;}#yiv7800178943 div.yiv7800178943attach-table div.yiv7800178943attach-row div {float:left;}#yiv7800178943 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv7800178943 div.yiv7800178943ygrp-file {width:30px;}#yiv7800178943 div.yiv7800178943attach-table div.yiv7800178943attach-row div div a {text-decoration:none;}#yiv7800178943 div.yiv7800178943attach-table div.yiv7800178943attach-row div div span {font-weight:normal;}#yiv7800178943 div.yiv7800178943ygrp-file-title {font-weight:bold;}#yiv7800178943 -->

I have a question for all. I have noticed a problem with the AME mode. If you are on an AM net there is a problem with stations being off frequency the claifier helps but that is pain. I hate to CB as an example but the filter is 6khz wide solves most of the problem the tw is 2.7 wide I have tried a 3.3 it helps a little. That being said I have found the manufacturer of the filter and they can make a 6khz filter the problem is how to know when the radio is in ame mode vs ssb mode. Does anyone have any ideas?roger

1466. Re: [transworld_radio] tw7000

Yahoo group: transworld_radio
Date: 2016-09-01 13:36:50 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1466

you just answered the question. I have 2 other radios here would you be so kind to answer the same question sunair 9000E which does have the am filter and is an sdr unit and an ancient yeasu 757 which has AM on it.

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 1, 2016 4:57 AM
Subject: Re: [transworld_radio] tw7000

Transworlds, as well as most other commercial/military/marine HF SSB transceivers, do not have an AM product detector for receive. They depend on your zero beating the AM carrier to receive. I/E they are essentially in USB when receiving AM. There isn't anything you can do about it.

Transworlds are particularly bad performers in the AM mode both transmit & receive.
Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "ROGER GOTTHEIMER gotco.inc@att.net [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 1, 2016 4:37 AM
Subject: [transworld_radio] tw7000

I have a question for all. I have noticed a problem with the AME mode. If you are on an AM net there is a problem with stations being off frequency the claifier helps but that is pain. I hate to CB as an example but the filter is 6khz wide solves most of the problem the tw is 2.7 wide I have tried a 3.3 it helps a little. That being said I have found the manufacturer of the filter and they can make a 6khz filter the problem is how to know when the radio is in ame mode vs ssb mode. Does anyone have any ideas?roger

1467. Re: [transworld_radio] tw7000

Yahoo group: transworld_radio
Date: 2016-09-01 13:48:00 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1467

Anything we can do to improve the AM mode on military units in general or are simply not really meant for AM other than an after thought? I was also looking at the falcon 2 and the rhone and schwartz manpacks just wondering what you think?Since you mentioned zero beat the frequency then being dead on frequencyis essential have you ever tried using a rubidium time base?

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 1, 2016 4:57 AM
Subject: Re: [transworld_radio] tw7000

Transworlds, as well as most other commercial/military/marine HF SSB transceivers, do not have an AM product detector for receive. They depend on your zero beating the AM carrier to receive. I/E they are essentially in USB when receiving AM. There isn't anything you can do about it.

Transworlds are particularly bad performers in the AM mode both transmit & receive.
Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "ROGER GOTTHEIMER gotco.inc@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 1, 2016 4:37 AM
Subject: [transworld_radio] tw7000

I have a question for all. I have noticed a problem with the AME mode. If you are on an AM net there is a problem with stations being off frequency the claifier helps but that is pain. I hate to CB as an example but the filter is 6khz wide solves most of the problem the tw is 2.7 wide I have tried a 3.3 it helps a little. That being said I have found the manufacturer of the filter and they can make a 6khz filter the problem is how to know when the radio is in ame mode vs ssb mode. Does anyone have any ideas?roger

1468. Re: [transworld_radio] tw7000

Yahoo group: transworld_radio
Date: 2016-09-01 14:06:17 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1468

In your opinion how to the SSB side of the datron sunair harris codan barrett etc stack up.I do know they beat up on consumer unit is specific areas since they were designed for a different purpose.

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 1, 2016 4:57 AM
Subject: Re: [transworld_radio] tw7000

Transworlds, as well as most other commercial/military/marine HF SSB transceivers, do not have an AM product detector for receive. They depend on your zero beating the AM carrier to receive. I/E they are essentially in USB when receiving AM. There isn't anything you can do about it.

Transworlds are particularly bad performers in the AM mode both transmit & receive.
Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "ROGER GOTTHEIMER gotco.inc@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Thursday, September 1, 2016 4:37 AM
Subject: [transworld_radio] tw7000

I have a question for all. I have noticed a problem with the AME mode. If you are on an AM net there is a problem with stations being off frequency the claifier helps but that is pain. I hate to CB as an example but the filter is 6khz wide solves most of the problem the tw is 2.7 wide I have tried a 3.3 it helps a little. That being said I have found the manufacturer of the filter and they can make a 6khz filter the problem is how to know when the radio is in ame mode vs ssb mode. Does anyone have any ideas?roger

1469. Re: [transworld_radio] tw7000

Yahoo group: transworld_radio
Date: 2016-09-01 15:22:21 UTC
From: Robert Nickels
Topic: 1463 Message: 1469

On 9/1/2016 8:48 AM, ROGER GOTTHEIMER gotco.inc@...
[transworld_radio] wrote:
> Anything we can do to improve the AM mode on military units in general
> or are simply not really meant for AM other than an after thought?

Not really, because AME functionality is controlled either by hardware or in later models, software. I would not call it an "afterthought" but rather it was a design feature intended to provide a means of communicating with the relatively few remaining users who had only AM capability. It works OK as long as each station is dead on-frequency, or within clarifier range, which all intended users would be. Only hams with VFOs or off-frequency crystals end up outside the range of the clarifier where you'll end up hearing the heterodyne. Since commercial services like marine radio switched from AM to SSb in the early 1970s, the need for compatibility eventually ended, although many radios continued to offer AME long after it probably was necessary to do so.

Most of these sets I've seen generate AM by injecting a controlled amount of carrier after the USB filter. Some radios allow control of the level of carrier suppression, which allows transmission of what we call "AME" or AM Equivalent (ITU mode H3E which is defined as AM single sideband, full carrier) as well as R3E which is the same but with reduced or controlled carrier. The reduced carrier mode was sometimes used to make it easier for the receiving station to zero-beat the SSB signal, but it serves no purpose today.

Most hams operating AM will turn their noses up at your AME signal because a) it's audio is processed for communications instead of sounding like their favorite BC station and b) because they'll only hear your upper sideband with a superimposed carrier, which can be demodulated by an AM detector but which does not sound the same as true AM. There are so many other ways to get on AM (including using military or commercial gear designed for AM) that I wouldn't worry about this one much.

73, Bob W9RAN

1470. Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-02 06:51:35 UTC
From: gotco.inc@...
Topic: 1463 Message: 1470

Dennis would adding a 6khz filter help as long as the radio was on center frequency?
How well do the datron radios due on SSB I have tried them vs Yeasu
757 them seem better approaching the my sunair 9000E SDR. this of cource an opinion these radios were built for very different purposes.

1471. Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-03 02:02:17 UTC
From: Bruno W4AFK
Topic: 1463 Message: 1471

GOTO.inc --> Adding a 6 kHz filter to the 7000 won't help for the reasons mentioned before. The radio was designed to accept a CW filter, the standard audio filter and a data filter (300-3300 Hz).

Also, the TW7000 is not really H3E (full carrier) but R3E (reduced carrier) as the carrier is ~40W and the SSB audio is upward modulated (i.e. USB climbs much higher). As noted, AME mode is rarely used unless some of the receiving stations are AM only. Remember that in the 7000, AME is ONLY used in TRANSMIT mode. Receive is USB.

One exception is HF ground-to-air SELCAL. Many radios still use AME for the SELCAL as it is based on a "carrier plus two tone sequences". The aircraft's radio locks onto the carrier so the tones are offset from that carrier, which compensates for the Doppler shift

As a FYI, the 7000 also offers a "PCS" mode (Pilot Carrier Mode). This was also offered to help with old VFO based receivers. PCS sends a carrier which is around 12 dB down. Receivers which were designed to receive PCS would lock to the carrier to minimize the "Donald Duck" syndrome :)

Newer SDR based radios (7700H series) offer USB, LSB, ISB, AME, AM, CW, Digital (MELPe), Data (MS-110B) and ALE (2G/3G), all in TX and RX.

Bruno Haineault, W4AFK

[Local: Icom IC-7300, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 & ID-51A D-Star, Hytera PD782 & MD782 DMR, Yaesu VX-8R V/UHF FM. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, B&W BWDS-90N Broadband Dipole (inv V @ 55 feet), 100m "long wire" w/MFJ-994BRT tuner, Ameritron ALS-600S amp, RemoteRig - see QRZ]

1472. Re: [transworld_radio] Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-03 06:25:11 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1472

I do have a sunair 9000E which is SDR and does have the AM receive. You mentioned the 7700the only issue with the 7700 is no vfo or tuning knob. There is a hardware mod for the 7000 that solves this. It is a pig knob and can be installed internally. the 7700 is controlled by Ethernet could a serial to Ethernet converter bridge the gap? The same question could be asked of the Harris falcon 2 Rhone and Schwartz manpack or conan barret. I would use the 9000E but it is too big and heavy 50lbs for mobile. Any other ideas on how to get around this problem. I can use any old yeasu 757 it has AM for this job. I like the 7000 for weight and power as well as it is much better on SSB and has the rubidium time base.

From: "'Bruno W4AFK' w4afk.florida@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, September 2, 2016 7:02 PM
Subject: [transworld_radio] Re: tw7000

GOTO.inc à Adding a 6 kHz filter to the 7000 won't help for the reasons mentioned before. The radio was designed to accept a CW filter, the standard audio filter and a data filter (300-3300 Hz). Also, the TW7000 is not really H3E (full carrier) but R3E (reduced carrier) as the carrier is ~40W and the SSB audio is upward modulated (i.e. USB climbs much higher). As noted, AME mode is rarely used unless some of the receiving stations are AM only. Remember that in the 7000, AME is ONLY used in TRANSMIT mode. Receive is USB. One exception is HF ground-to-air SELCAL. Many radios still use AME for the SELCAL as it is based on a "carrier plus two tone sequences". The aircraft's radio locks onto the carrier so the tones are offset from that carrier, which compensates for the Doppler shift As a FYI, the 7000 also offers a "PCS" mode (Pilot Carrier Mode). This was also offered to help with old VFO based receivers. PCS sends a carrier which is around 12 dB down. Receivers which were designed to receive PCS would lock to the carrier to minimize the "Donald Duck" syndrome J Newer SDR based radios (7700H series) offer USB, LSB, ISB, AME, AM, CW, Digital (MELPe), Data (MS-110B) and ALE (2G/3G), all in TX and RX. Bruno Haineault, W4AFK[Local: Icom IC-7300, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 & ID-51A D-Star, Hytera PD782 & MD782 DMR, Yaesu VX-8R V/UHF ! FM. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, B&W BWDS-90N Broadband Dipole (inv V @ 55 feet), 100m "long wire" w/MFJ-994BRT tuner, Ameritron ALS-600S amp, RemoteRig – see QRZ]

1473. RE: [transworld_radio] Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-03 12:31:50 UTC
From: Mike Feher
Topic: 1463 Message: 1473

Are you sure that your TW7000 has a Rubidium for reference? Two of my TW7000's do have the "high stability option, but it is not a Rubidium. 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, September 03, 2016 2:25 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: tw7000

I do have a sunair 9000E which is SDR and does have the AM receive. You mentioned the 7700

the only issue with the 7700 is no vfo or tuning knob. There is a hardware mod for the 7000 that solves this. It is a pig knob and can be installed internally. the 7700 is controlled by Ethernet could a serial to Ethernet converter bridge the gap? The same question could be asked of the Harris falcon 2 Rhone and Schwartz manpack or conan barret.

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From: "'Bruno W4AFK' w4afk.florida@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, September 2, 2016 7:02 PM
Subject: [transworld_radio] Re: tw7000

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Also, the TW7000 is not really H3E (full carrier) but R3E (reduced carrier) as the carrier is ~40W and the SSB audio is upward modulated (i.e. USB climbs much higher). As noted, AME mode is rarely used unless some of the receiving stations are AM only. Remember that in the 7000, AME is ONLY used in TRANSMIT mode. Receive is USB.

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As a FYI, the 7000 also offers a “PCS” mode (Pilot Carrier Mode). This was also offered to help with old VFO based receivers. PCS sends a carrier which is around 12 dB down. Receivers which were designed to receive PCS would lock to the carrier to minimize the “Donald Duck” syndrome J

Newer SDR based radios (7700H series) offer USB, LSB, ISB, AME, AM, CW, Digital (MELPe), Data (MS-110B) and ALE (2G/3G), all in TX and RX.

Bruno Haineault, W4AFK

[Local: Icom IC-7300, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 & ID-51A D-Star, Hytera PD782 & MD782 DMR, Yaesu VX-8R V/UHF ! FM. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, B&W BWDS-90N Broadband Dipole (inv V @ 55 feet), 100m “long wire” w/MFJ-994BRT tuner, Ameritron ALS-600S amp, RemoteRig – see QRZ]

1474. Re: [transworld_radio] Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-03 13:48:55 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1474
Attachments: 3 described; binary payloads are missing from this source WARC

yes I am sure I built them and the interface from 10mhz to 16mhz.here is the prototype. the production units were built on surface mount.

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 3, 2016 5:31 AM
Subject: RE: [transworld_radio] Re: tw7000

Are you sure that your TW7000 has a Rubidium for reference? Two of my TW7000's do have the "high stability option, but it is not a Rubidium. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960 From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, September 03, 2016 2:25 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: tw7000 I do have a sunair 9000E which is SDR and does have the AM receive. You mentioned the 7700the only issue with the 7700 is no vfo or tuning knob. There is a hardware mod for the 7000 that solves this. It is a pig knob and can be installed internally. the 7700 is controlled by Ethernet could a serial to Ethernet converter bridge the gap? The same question could be asked of the Harris falcon 2 Rhone and Schwartz manpack or conan barret. I would use the 9000E but it is too big and heavy 50lbs for mobile. Any other ideas on how to get around this problem. I can use any old yeasu 757 it has AM for this job. I like the 7000 for weight and power as well as it is much better on SSB and has the rubidium time base. From: "'Bruno W4AFK' w4afk.florida@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, September 2, 2016 7:02 PM
Subject: [transworld_radio] Re: tw7000 GOTO.inc à Adding a 6 kHz filter to the 7000 won't help for the reasons mentioned before. The radio was designed to accept a CW filter, the standard audio filter and a data filter (300-3300 Hz). Also, the TW7000 is not really H3E (full carrier) but R3E (reduced carrier) as the carrier is ~40W and the SSB audio is upward modulated (i.e. USB climbs much higher). As noted, AME mode is rarely used unless some of the receiving stations are AM only. Remember that in the 7000, AME is ONLY used in TRANSMIT mode. Receive is USB. One exception is HF ground-to-air SELCAL. Many radios still use AME for the SELCAL as it is based on a "carrier plus two tone sequences". The aircraft's radio locks onto the carrier so the tones are offset from that carrier, which compensates for the Doppler shift As a FYI, the 7000 also offers a "PCS" mode (Pilot Carrier Mode). This was also offered to help with old VFO based receivers. PCS sends a carrier which is around 12 dB down. Receivers which were designed to receive PCS would lock to the carrier to minimize the "Donald Duck" syndrome J Newer SDR based radios (7700H series) offer USB, LSB, ISB, AME, AM, CW, Digital (MELPe), Data (MS-110B) and ALE (2G/3G), all in TX and RX. Bruno Haineault, W4AFK[Local: Icom IC-7300, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 & ID-51A D-Star, Hytera PD782 & MD782 DMR, Yaesu VX-8R V/UHF ! FM. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, B&W BWDS-90N Broadband Dipole (inv V @ 55 feet), 100m "long wire" w/MFJ-994BRT tuner, Ameritron ALS-600S amp, RemoteRig – see QRZ]

1475. RE: [transworld_radio] Re: tw7000 [3 Attachments]

Yahoo group: transworld_radio
Date: 2016-09-03 14:06:00 UTC
From: Mike Feher
Topic: 1463 Message: 1475

Interesting. Wonder which Rubidium you choose that has a small enough footprint and does not get way too hot. I cannot make it out from the photos and do not recognize it either. I also wonder why you feel you need a Rubidium in an HF radio? 73 – Mike

Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, September 03, 2016 9:49 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: tw7000 [3 Attachments]

[Attachment(s) from ROGER GOTTHEIMER included below]

yes I am sure I built them and the interface from 10mhz to 16mhz.

here is the prototype. the production units were built on surface mount.Inline image
Inline image
Inline image

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 3, 2016 5:31 AM
Subject: RE: [transworld_radio] Re: tw7000

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Mike B. Feher, N4FS

89 Arnold Blvd.

Howell, NJ, 07731

732-886-5960

1476. Re: [transworld_radio] Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-03 15:10:31 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1476

the knob is made by a company called pignology and is called a pig knob

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 3, 2016 7:06 AM
Subject: RE: [transworld_radio] Re: tw7000

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Sent: Saturday, September 03, 2016 9:49 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: tw7000 [3 Attachments] [Attachment(s) from ROGER GOTTHEIMER included below] yes I am sure I built them and the interface from 10mhz to 16mhz.here is the prototype. the production units were built on surface mount.

From: "'Mike Feher' n4fs@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 3, 2016 5:31 AM
Subject: RE: [transworld_radio] Re: tw7000 Are you sure that your TW7000 has a Rubidium for reference? Two of my TW7000’s do have the “high stability option, but it is not a Rubidium. 73 – Mike Mike B. Feher, N4FS89 Arnold Blvd.Howell, NJ, 07731732-886-5960

1477. Re: [transworld_radio] Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-03 16:07:38 UTC
From: Alexander J. Rokowetz
Topic: 1463 Message: 1477

?????

Sent from my Verizon 4G LTE Droid
On Sep 3, 2016 11:10 AM, "ROGER GOTTHEIMER gotco.inc@att.net [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

the knob is made by a company called pignology and is called a pig knob

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 3, 2016 7:06 AM
Subject: RE: [transworld_radio] Re: tw7000

Interesting. Wonder which Rubidium you choose that has a small enough footprint and does not get way too hot. I cannot make it out from the photos and do not recognize it either. I also wonder why you feel you need a Rubidium in an HF radio? 73 – Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

From: transworld_radio@yahoogroups.com [mailto:transworld_radio@yahoogroups.com]
Sent: Saturday, September 03, 2016 9:49 AM
To: transworld_radio@yahoogroups.com
Subject: Re: [transworld_radio] Re: tw7000 [3 Attachments]

[Attachment(s) (https://us-mg205.mail.yahoo.com/neo/launch?reason=ignore&rs=1#TopText) from ROGER GOTTHEIMER included below]
yes I am sure I built them and the interface from 10mhz to 16mhz.
here is the prototype. the production units were built on surface mount.

From: "'Mike Feher' n4fs@eozinc.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Saturday, September 3, 2016 5:31 AM
Subject: RE: [transworld_radio] Re: tw7000

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Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-886-5960

1478. Re: [transworld_radio] Re: tw7000

Yahoo group: transworld_radio
Date: 2016-09-05 06:31:31 UTC
From: ROGER GOTTHEIMER
Topic: 1463 Message: 1478

You mentioned the 7700h is there any way to control it ie vfo. I have done this on a 7000 with a pig knob. The knob is spits out the programmed serial command. Depending what the string looks like could you use an ethernet to rs 232 converter?.
I was also looking the rt7000 it appears to be a tw7000 in a green case?I assume the 1099a is the same?the serial comands are the same for all three of these radios so the knob should work.
On a side note would you know where the datron front panels are painted I am considering changing the audio connectors to mil and the process may damage the panel and it would need to be refinished. Would you know of a punch that can put the whole in it is a double D.
Did you happen to look at the pictures I posted of a 7000 with rubidium osc and the clean up pll?

From: "'Bruno W4AFK' w4afk.florida@... [transworld_radio]"
<transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, September 2, 2016 7:02 PM
Subject: [transworld_radio] Re: tw7000

GOTO.inc à Adding a 6 kHz filter to the 7000 won’t help for the reasons mentioned before. The radio was designed to accept a CW filter, the standard audio filter and a data filter (300-3300 Hz). Also, the TW7000 is not really H3E (full carrier) but R3E (reduced carrier) as the carrier is ~40W and the SSB audio is upward modulated (i.e. USB climbs much higher). As noted, AME mode is rarely used unless some of the receiving stations are AM only. Remember that in the 7000, AME is ONLY used in TRANSMIT mode. Receive is USB. One exception is HF ground-to-air SELCAL. Many radios still use AME for the SELCAL as it is based on a “carrier plus two tone sequences”. The aircraft’s radio locks onto the carrier so the tones are offset from that carrier, which compensates for the Doppler shift As a FYI, the 7000 also offers a “PCS” mode (Pilot Carrier Mode). This was also offered to help with old VFO based receivers. PCS sends a carrier which is around 12 dB down. Receivers which were designed to receive PCS would lock to the carrier to minimize the “Donald Duck” syndrome J Newer SDR based radios (7700H series) offer USB, LSB, ISB, AME, AM, CW, Digital (MELPe), Data (MS-110B) and ALE (2G/3G), all in TX and RX. Bruno Haineault, W4AFK[Local: Icom IC-7300, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 & ID-51A D-Star, Hytera PD782 & MD782 DMR, Yaesu VX-8R V/UHF ! FM. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, B&W BWDS-90N Broadband Dipole (inv V @ 55 feet), 100m “long wire” w/MFJ-994BRT tuner, Ameritron ALS-600S amp, RemoteRig – see QRZ]

1479. Re: [transworld_radio] TWC SS10 radio

Yahoo group: transworld_radio
Date: 2016-09-12 22:17:54 UTC
From: Alex J Rokowetz
Topic: 1462 Message: 1479

David, I know very little about this series of radios. The only manual I have is a joint manual for the TW4B, TW4M, and TW10B transceivers. I really do not know if the documentations for the TW10B is helpful for the TWC SS10 radio. AlexK2AJR

From: "davidlemc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, August 31, 2016 9:01 AM
Subject: [transworld_radio] TWC SS10 radio

Hello everyone:

Someone could help me with the service manual or any information for TWC SS10 radio?

This is a team not synthesized.

Thanks in advance.

David

1480. tw-100 QRP or Variable Power Mod

Yahoo group: transworld_radio
Date: 2016-09-14 15:48:47 UTC
From: flyguy3435@...
Topic: 1480 Message: 1480

KB0SFP told me the mod to make the TW-100 drop down to 10 watts is pretty simple since the circuitry was already in the unit and got called when the ATU button was pushed and an external tuner was connected.

I can well see the possible need for lower power, and being an old QRP guy I might want it just for fun even if I do not have to conserve battery.

I went to the files archive and found a power output mod by EW1BA, but I am not clear on exactly where the connections are to be made. In particular where is T+ found, does he mean the +12v line when transmit is activated? If so can someone point me to a good place to pick it up as I am having trouble reading the scanned schematic I grabbed from a random internet site. In addition Where is connector M2? I would hate to connect to the wrong pin 9 and blow up my nice toy.

Any help or pointers would be appreciated. My plan is to try and stick the power adjustment POT where the noise blanker or selcal switches would be located. I have no switches in either position.

73

-Brett
wa3yre

1481. Re: [transworld_radio] tw-100 QRP or Variable Power Mod

Yahoo group: transworld_radio
Date: 2016-09-14 15:52:00 UTC
From: Dennis
Topic: 1480 Message: 1481

Look up the schematic for the TW100F FlyAway where the circuit already exist.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "flyguy3435@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, September 14, 2016 10:48 AM
Subject: [transworld_radio] tw-100 QRP or Variable Power Mod

<!--#yiv9207328054 #yiv9207328054 .yiv9207328054ygrp-photo-title{clear:both;font-size:smaller;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9207328054 div.yiv9207328054ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;min-height:62px;width:62px;}#yiv9207328054 div.yiv9207328054photo-title a, #yiv9207328054 div.yiv9207328054photo-title a:active, #yiv9207328054 div.yiv9207328054photo-title a:hover, #yiv9207328054 div.yiv9207328054photo-title a:visited {text-decoration:none;}#yiv9207328054 div.yiv9207328054attach-table div.yiv9207328054attach-row {clear:both;}#yiv9207328054 div.yiv9207328054attach-table div.yiv9207328054attach-row div {float:left;}#yiv9207328054 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9207328054 div.yiv9207328054ygrp-file {width:30px;}#yiv9207328054 div.yiv9207328054attach-table div.yiv9207328054attach-row div div a {text-decoration:none;}#yiv9207328054 div.yiv9207328054attach-table div.yiv9207328054attach-row div div span {font-weight:normal;}#yiv9207328054 div.yiv9207328054ygrp-file-title {font-weight:bold;}#yiv9207328054 --> <!--#yiv9207328054 #yiv9207328054ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv9207328054 #yiv9207328054ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv9207328054 #yiv9207328054ygrp-mkp #yiv9207328054hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv9207328054 #yiv9207328054ygrp-mkp #yiv9207328054ads {margin-bottom:10px;}#yiv9207328054 #yiv9207328054ygrp-mkp .yiv9207328054ad {padding:0 0;}#yiv9207328054 #yiv9207328054ygrp-mkp .yiv9207328054ad p {margin:0;}#yiv9207328054 #yiv9207328054ygrp-mkp .yiv9207328054ad a {color:#0000ff;text-decoration:none;}-->

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Any help or pointers would be appreciated. My plan is to try and stick the power adjustment POT where the noise blanker or selcal switches would be located. I have no switches in either position.

73

-Brett
wa3yre

1482. Re: [transworld_radio] tw-100 QRP or Variable Power Mod

Yahoo group: transworld_radio
Date: 2016-09-14 19:32:59 UTC
From: ROGER GOTTHEIMER
Topic: 1480 Message: 1482

Thanks guys but I only run the TW7000 and they have a low power mode.

From: "flyguy3435@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, September 14, 2016 8:48 AM
Subject: [transworld_radio] tw-100 QRP or Variable Power Mod

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73

-Brett
wa3yre

1483. Re: [transworld_radio] tw-100 QRP or Variable Power Mod

Yahoo group: transworld_radio
Date: 2016-09-14 19:44:20 UTC
From: Dennis
Topic: 1480 Message: 1483

"Thanks guys but I only run the TW7000 and they have a low power mode."----------
Then I'd imagine that the messages do not apply to you. The subject line would be a good indication of that.
In addition to the TW100F, the RT-100 also has an external hi/low power switch. It too has the same guts as the TW100 & TW100F. The only trick to adding the low power(10watt) switch to a standard TW100 is finding a matching switch.

Two knobs versions had some extra plugged holes just ready to be filled. Four knob versions will require drilling. Fear not however as that is perfectly acceptable and is in fact what Transworld did whenever adding options(like the noise blanker). This was done in the space just above the receive attenuator switch.

If anybody knows where toggle switches can be had that match those used on the TW100's please let us know. Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "ROGER GOTTHEIMER gotco.inc@att.net [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, September 14, 2016 2:32 PM
Subject: Re: [transworld_radio] tw-100 QRP or Variable Power Mod

1484. Re: [transworld_radio] tw-100 QRP or Variable Power Mod

Yahoo group: transworld_radio
Date: 2016-09-14 20:50:51 UTC
From: ROGER GOTTHEIMER
Topic: 1480 Message: 1484

I did not realize the news group would send me all the traffic. I thought that it was specfic to me sorry for the misunderstanding.

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, September 14, 2016 12:44 PM
Subject: Re: [transworld_radio] tw-100 QRP or Variable Power Mod

"Thanks guys but I only run the TW7000 and they have a low power mode."----------
Then I'd imagine that the messages do not apply to you. The subject line would be a good indication of that.
In addition to the TW100F, the RT-100 also has an external hi/low power switch. It too has the same guts as the TW100 & TW100F. The only trick to adding the low power(10watt) switch to a standard TW100 is finding a matching switch.

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Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "ROGER GOTTHEIMER gotco.inc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, September 14, 2016 2:32 PM
Subject: Re: [transworld_radio] tw-100 QRP or Variable Power Mod

From: "flyguy3435@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, September 14, 2016 8:48 AM
Subject: [transworld_radio] tw-100 QRP or Variable Power Mod

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Any help or pointers would be appreciated. My plan is to try and stick the power adjustment POT where the noise blanker or selcal switches would be located. I have no switches in either position.

73

-Brett
wa3yre

1485. Re:rt7000

Yahoo group: transworld_radio
Date: 2016-09-18 04:14:38 UTC
From: ROGER GOTTHEIMER
Topic: 1480 Message: 1485

I am considering buying an RT7000 since it is almost the same as the TW7000 and the serial commands are the same. The use of a Pig knob for VFO tuning should work. I would replace the
clairfer knob with the pig knob any ideas were to get a spinner knob that is in the same style as the green military that are on the radio now. thanks to all

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Wednesday, September 14, 2016 8:52 AM
Subject: Re: [transworld_radio] tw-100 QRP or Variable Power Mod

Look up the schematic for the TW100F FlyAway where the circuit already exist.
Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "flyguy3435@yahoo.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Wednesday, September 14, 2016 10:48 AM
Subject: [transworld_radio] tw-100 QRP or Variable Power Mod

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73

-Brett
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1486. Help pricing transworld radios

Yahoo group: transworld_radio
Date: 2016-09-21 19:28:27 UTC
From: dick rackson
Topic: 1486 Message: 1486

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } Hi guys I just joined the group about a month ago. I need to raise some money and since I don't want to give up my "new" rigs I guess some Or all the transworld stuff has to go. Can anybody give me some kind of range that is realisticTo ask for Tw100Tw100fDatron 7000It really stinks doing this(selling). Any help would be appreciated.
Rick Jackson

Sent from Yahoo Mail for iPad

1487. Re: [transworld_radio] Help pricing transworld radios

Yahoo group: transworld_radio
Date: 2016-09-21 19:47:27 UTC
From: Alex J Rokowetz
Topic: 1486 Message: 1487

Hi Rick,
I always say that realistic price range lies between what a buyer is will willing to offer and what a seller is willing to settle for. On top of that condition and installed optional features play into the price. I am not sure which versions of each radio you have or any installed optional features, or whether they come with mics, accessories, or any cables.
Here's my stab... other group members may have their own thoughts. I encourage them to chime in:
TW100 - $400 to $500TW100F - $600 to $800 (I have seen some go for $1K thoughTW7000 - $600 to $1K
Good luck with your sale.
AlexK2AJR

From: "dick rackson dickrackson@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: yahoogroups <transworld_radio@yahoogroups.com>
Sent: Wednesday, September 21, 2016 3:28 PM
Subject: [transworld_radio] Help pricing transworld radios

  Hi guys I just joined the group about a month ago. I need to raise some money and since I don't want to give up my "new" rigs I guess some Or all the transworld stuff has to go. Can anybody give me some kind of range that is realisticTo ask for Tw100Tw100fDatron 7000It really stinks doing this(selling). Any help would be appreciated.
Rick Jackson

Sent from Yahoo Mail for iPad

1488. Re: [transworld_radio] Help pricing transworld radios

Yahoo group: transworld_radio
Date: 2016-09-21 20:00:38 UTC
From: dick rackson
Topic: 1486 Message: 1488

blockquote, div.yahoo_quoted { margin-left: 0 !important; border-left:1px #715FFA solid !important; padding-left:1ex !important; background-color:white !important; } Thank you AlexThat's what I thought. I wish I had asked before I bought the 7000 and amp. But I still should be able to get out of that one ok. I was going to list on qth or do you know of a better site. The other obvious problem is the weight of the 7000 rig. It weighs a "ton".
Rick

Sent from Yahoo Mail for iPad

On Wednesday, September 21, 2016, 3:47 PM, Alex J Rokowetz belarok@... [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

Hi Rick,
I always say that realistic price range lies between what a buyer is will willing to offer and what a seller is willing to settle for. On top of that condition and installed optional features play into the price. I am not sure which versions of each radio you have or any installed optional features, or whether they come with mics, accessories, or any cables.
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Sent from Yahoo Mail for iPad

-- #ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#ygrp-mkp hr {border:1px solid #d8d8d8;}#ygrp-mkp #hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#ygrp-mkp #ads {margin-bottom:10px;}#ygrp-mkp .ad {padding:0 0;}#ygrp-mkp .ad p {margin:0;}#ygrp-mkp .ad a {color:#0000ff;text-decoration:none;}#ygrp-sponsor #ygrp-lc {font-family:Arial;}#ygrp-sponsor #ygrp-lc #hd {margin:10px 0px;font-weight:700;font-size:78%;line-height:122%;}#ygrp-sponsor #ygrp-lc .ad {margin-bottom:10px;padding:0 0;}#actions {font-family:Verdana;font-size:11px;padding:10px 0;}#activity {background-color:#e0ecee;float:left;font-family:Verdana;font-size:10px;paddi

ng:10px;}#activity span {font-weight:700;}#activity span:first-child
{text-transform:uppercase;}#activity span a {color:#5085b6;text-decoration:none;}#activity
span span {color:#ff7900;}#activity span .underline {text-decoration:underline;}.attach
{clear:both;display:table;font-family:Arial;font-size:12px;padding:10px
0;width:400px;}.attach div a {text-decoration:none;}.attach img
{border:none;padding-right:5px;}.attach label {display:block;margin-bottom:5px;}.attach
label a {text-decoration:none;}blockquote {margin:0 0 0 4px;}.bold
{font-family:Arial;font-size:13px;font-weight:700;}.bold a {text-decoration:none;}dd.last
p a {font-family:Verdana;font-weight:700;}dd.last p span
{margin-right:10px;font-family:Verdana;font-weight:700;}dd.last p span.yshortcuts
{margin-right:0;}div.attach-table div div a {text-decoration:none;}div.attach-table
{width:400px;}div.file-title a, div.file-title a:active, div.file-title a:hover,
div.file-title a:visited {text-decoration:none;}div.photo-title a, div.photo-title
a:active, div.photo-title a:hover, div.photo-title a:visited
{text-decoration:none;}div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts
{font-family:Verdana;font-size:10px;font-weight:normal;}.green {color:#628c2a;}.MsoNormal
{margin:0 0 0 0;}o {font-size:0;}#photos div {float:left;width:72px;}#photos div div
{border:1px solid #666666;min-height:62px;overflow:hidden;width:62px;}#photos div label {c
olor:#666666;font-size:10px;overflow:hidden;text-align:center;white-space:nowrap;width:64p
x;}#reco-category {font-size:77%;}#reco-desc {font-size:77%;}.replbq
{margin:4px;}#ygrp-actbar div a:first-child
{margin-right:2px;padding-right:5px;}#ygrp-mlmsg {font-size:13px;font-family:Arial,
helvetica, clean, sans-serif;}#ygrp-mlmsg table {font-size:inherit;font:100%;}#ygrp-mlmsg
select, input, textarea {font:99% Arial, Helvetica, clean, sans-serif;}#ygrp-mlmsg pre,
code {font:115% monospace;}#ygrp-mlmsg * {line-height:1.22em;}#ygrp-mlmsg #logo
{padding-bottom:10px;}#ygrp-msg p a {font-family:Verdana;}#ygrp-msg p#attach-count span
{color:#1E66AE;font-weight:700;}#ygrp-reco #reco-head
{color:#ff7900;font-weight:700;}#ygrp-reco {margin-bottom:20px;padding:0px;}#ygrp-sponsor
#ov li a {font-size:130%;text-decoration:none;}#ygrp-sponsor #ov li
{font-size:77%;list-style-type:square;padding:6px 0;}#ygrp-sponsor #ov ul
{margin:0;padding:0 0 0 8px;}#ygrp-text {font-family:Georgia;}#ygrp-text p {margin:0 0 1em
0;}#ygrp-text tt {font-size:120%;}#ygrp-vital ul li:last-child {border-right:none
!important;}

1489. Re: [transworld_radio] Help pricing transworld radios

Yahoo group: transworld_radio
Date: 2016-09-21 20:20:42 UTC
From: Alexander J. Rokowetz
Topic: 1486 Message: 1489

Rick,

I did not know you have an amp for the TW7000. What kind of amp do you have and would you be willing to sell it separately from the radio?

Alex
K2AJR

Sent from my Verizon 4G LTE Droid
On Sep 21, 2016 4:00 PM, "dick rackson dickrackson@yahoo.com [transworld_radio]" <transworld_radio@yahoogroups.com> wrote:

Thank you Alex
That's what I thought. I wish I had asked before I bought the 7000 and amp. But I still should be able to get out of that one ok. I was going to list on qth or do you know of a better site. The other obvious problem is the weight of the 7000 rig. It weighs a "ton".
Rick

Sent from Yahoo Mail for iPad (https://yho.com/footer0)

On Wednesday, September 21, 2016, 3:47 PM, Alex J Rokowetz belarok@yahoo.com [transworld_radio] <transworld_radio@yahoogroups.com> wrote:

Hi Rick,

I always say that realistic price range lies between what a buyer is will willing to offer and what a seller is willing to settle for. On top of that condition and installed optional features play into the price. I am not sure which versions of each radio you have or any installed optional features, or whether they come with mics, accessories, or any cables.

Here's my stab... other group members may have their own thoughts. I encourage them to chime in:

TW100 - $400 to $500
TW100F - $600 to $800 (I have seen some go for $1K though
TW7000 - $600 to $1K

Good luck with your sale.

Alex
K2AJR

From: "dick rackson dickrackson@yahoo.com [transworld_radio]" <transworld_radio@yahoogroups.com>
To: yahoogroups <transworld_radio@yahoogroups.com>
Sent: Wednesday, September 21, 2016 3:28 PM
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I need to raise some money and since I don't want to give up my "new" rigs I guess some
Or all the transworld stuff has to go. Can anybody give me some kind of range that is
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To ask for
Tw100
Tw100f
Datron 7000
It really stinks doing this(selling).
Any help would be appreciated.

Rick Jackson

Sent from Yahoo Mail for iPad (https://yho.com/footer0)

1490. TW100F power plug

Yahoo group: transworld_radio
Date: 2016-10-04 17:45:59 UTC
From: harlikwin667@...
Topic: 1490 Message: 1490

I'm looking for a TW100F power plug, I've seen Bill Perry come up in a few conversations, but no contact info. Is he still around and does anyone know how to get a hold of him. Or does anyone have plug or DC power cable they want to part with?

-Thanks
-Roman KD0PUJ

1491. Re: [transworld_radio] TW100F power plug

Yahoo group: transworld_radio
Date: 2016-10-04 17:53:21 UTC
From: Dennis
Topic: 1490 Message: 1491

Bill is the only source for this connector. He makes them up. Cost is about $20.
His daughter Christie takes care of all his electronic communications.
christie dot perry at twc dot com You were heard on the net last night with the Flyaway, then you took off?

Dennis Starks Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "harlikwin667@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, October 4, 2016 12:45 PM
Subject: [transworld_radio] TW100F power plug

<!--#yiv3918524798 #yiv3918524798 .yiv3918524798ygrp-photo-title{clear:both;font-size:smaller;min-height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3918524798 div.yiv3918524798ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;min-height:62px;width:62px;}#yiv3918524798 div.yiv3918524798photo-title a, #yiv3918524798 div.yiv3918524798photo-title a:active, #yiv3918524798 div.yiv3918524798photo-title a:hover, #yiv3918524798 div.yiv3918524798photo-title a:visited {text-decoration:none;}#yiv3918524798 div.yiv3918524798attach-table div.yiv3918524798attach-row {clear:both;}#yiv3918524798 div.yiv3918524798attach-table div.yiv3918524798attach-row div {float:left;}#yiv3918524798 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3918524798 div.yiv3918524798ygrp-file {width:30px;}#yiv3918524798 div.yiv3918524798attach-table div.yiv3918524798attach-row div div a {text-decoration:none;}#yiv3918524798 div.yiv3918524798attach-table div.yiv3918524798attach-row div div span {font-weight:normal;}#yiv3918524798 div.yiv3918524798ygrp-file-title {font-weight:bold;}#yiv3918524798 --> <!--#yiv3918524798 #yiv3918524798ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv3918524798 #yiv3918524798ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv3918524798 #yiv3918524798ygrp-mkp #yiv3918524798hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv3918524798 #yiv3918524798ygrp-mkp #yiv3918524798ads {margin-bottom:10px;}#yiv3918524798 #yiv3918524798ygrp-mkp .yiv3918524798ad {padding:0 0;}#yiv3918524798 #yiv3918524798ygrp-mkp .yiv3918524798ad p {margin:0;}#yiv3918524798 #yiv3918524798ygrp-mkp .yiv3918524798ad a {color:#0000ff;text-decoration:none;}-->

I'm looking for a TW100F power plug, I've seen Bill Perry come up in a few conversations, but no contact info. Is he still around and does anyone know how to get a hold of him. Or does anyone have plug or DC power cable they want to part with?
-Thanks -Roman KD0PUJ

1492. Re: [transworld_radio] TW100F power plug

Yahoo group: transworld_radio
Date: 2016-10-04 18:05:03 UTC
From: harlikwin667@...
Topic: 1490 Message: 1492

Thanks for the information Dennis,

Yeah that was me, I couldn't really hear anyone else. I think I heard you or someone else repeating the end of my call once or twice but the rest was in the noise. But it sounds like you guys heard me ok, so thats weird.

My 40m antenna is mainly oriented NE/SW so you being in MO I think you are on the end of it hence poor reception. And at that point I only had a few minutes left to check in so I had to go. About 30 minutes earlier I had no issues checking into the OMISS net on 40, so I'm not sure why I couldn't hear anyone, aside from the poorly oriented antenna.

-Roman KD0PUJ

1493. Re: [transworld_radio] TW100F power plug

Yahoo group: transworld_radio
Date: 2016-10-04 18:10:06 UTC
From: Alex J Rokowetz
Topic: 1490 Message: 1493

Roman,
These connectors are available from a large number of distributors. Here's a link to more than 24 sourcing opportunities:
http://www.ittcannon.com/products/part-detail/?partNo=CA3106E12S-A10P

In the past, I have sourced my connectors from PEI-Gensis for no other reason than having a positive experience with them during my career. I have no idea how their pricing compares to other distributors.
Best 73,
AlexK2AJR

From: "harlikwin667@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Tuesday, October 4, 2016 1:45 PM
Subject: [transworld_radio] TW100F power plug

  I'm looking for a TW100F power plug, I've seen Bill Perry come up in a few conversations, but no contact info. Is he still around and does anyone know how to get a hold of him. Or does anyone have plug or DC power cable they want to part with?
-Thanks -Roman KD0PUJ

1494. PRC-1088 Info

Yahoo group: transworld_radio
Date: 2016-10-04 22:57:43 UTC
From: djinni442@...
Topic: 1494 Message: 1494

Hello everyone,

I'm experimenting with a couple early model prc-1088's and I have a couple questions:

1) Is there a way to set the 4-digit hop set from the front panel? I've read/followed the O&M manual for the late models. The process does let me wheel in the 4 digits, but they don't seem to save or show in "test" mode.

2) Apparently there is a key-fill device for these called the kf-1088. Does anyone have any info on this device, or more importantly, something describing the load format used for the serial interface?

Thanks!

1495. Re: [transworld_radio] PRC-1088 Info

Yahoo group: transworld_radio
Date: 2016-10-04 23:19:04 UTC
From: Brian Gieryk
Topic: 1494 Message: 1495

I have one as well, please keep us updated on any progress!

Brian
KE6IYC

Sent from my iPhone

> On Oct 4, 2016, at 15:57, djinni442@... [transworld_radio]
<transworld_radio@yahoogroups.com> wrote:
>
> Hello everyone,
>
> I'm experimenting with a couple early model prc-1088's and I have a couple questions:
>
> 1) Is there a way to set the 4-digit hop set from the front panel? I've read/followed the O&M manual for the late models. The process does let me wheel in the 4 digits, but they don't seem to save or show in "test" mode.
>
> 2) Apparently there is a key-fill device for these called the kf-1088. Does anyone have any info on this device, or more importantly, something describing the load format used for the serial interface?
>
>
> Thanks!
>
>
>

1496. Re: [transworld_radio] PRC-1088 Info

Yahoo group: transworld_radio
Date: 2016-10-08 13:32:15 UTC
From: djinni442@...
Topic: 1494 Message: 1496

Ok. Definitely could use some hints along the way.

I think I've de-engineered most of the serial input. Looks like it takes frames of raw data in the form of a <byte>,<length word>,<(length)*bytes data>, <8-bit checksum compliment>

The first byte tells the radio which data table to copy the n-bytes of data into memory. The radio then responds with one of two messages whether the data was accepted or not.

No idea on bitrate yet. Haven't calculated it yet.

1498. Re: TW7000 Option Board Needed

Yahoo group: transworld_radio
Date: 2016-11-19 14:20:01 UTC
From: afa7rw@...
Topic: 1110 Message: 1498

I am still looking for a 7000ALE-141B MIL-STD-188-141B. I have an FS-1045 board (7000ALE).

1499. Transworld TWPP Power Supply help needed from someone smarter than me

Yahoo group: transworld_radio
Date: 2016-11-24 16:54:35 UTC
From: dlpanek@...
Topic: 1499 Message: 1499

I need help from someone samrter than me. I have a Transworld TWPP power supply that I cannot get the charger circuit to fast charge..
I=The batteries are in good condition and I have replaced several part (lazy mans troubleshooting)
I have attached a schematic along with the circuit description and alignment procedure from the manual.
I have replaced Q1,Q2, Q3, D4 and C2.
I have tested all the circuit paths, resistors and D1 and D2.
I cannot align the trip points as D1 never lights.
Any help would be appreciated.
Dave Panek
KE4MLV

http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/Pages%20from%2033842914-Transworld-TWPP-Portable-Power-Source-Operator-and-Technical-Manual_1.jpg http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/Pages%20from%2033842914-Transworld-TWPP-Portable-Power-Source-Operator-and-Technical-Manual_1.jpg

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View on i1201.photobucket.com http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/Pages%20from%2033842914-Transworld-TWPP-Portable-Power-Source-Operator-and-Technical-Manual_1.jpg
Preview by Yahoo

http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/transworld1.jpg
http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/transworld1.jpg

1500. Re: [transworld_radio] Transworld TWPP Power Supply help needed from someone smarter than me

Yahoo group: transworld_radio
Date: 2016-11-25 22:29:33 UTC
From: Brooke Clarke
Topic: 1499 Message: 1500

Hi Dave:

What are some key voltages:
Power supply (top of C1)
Zener diode D4
Series pass transistor Q1 base, emitter & collector
control transistor Q2 base

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
The lesser of evils is still evil.

-------- Original Message --------
>
>
> I need help from someone samrter than me. I have a Transworld TWPP power supply that I cannot get the charger circuit
> to fast charge..
> I=The batteries are in good condition and I have replaced several part (lazy mans troubleshooting)
> I have attached a schematic along with the circuit description and alignment procedure from the manual.
> I have replaced Q1,Q2, Q3, D4 and C2.
> I have tested all the circuit paths, resistors and D1 and D2.
> I cannot align the trip points as D1 never lights.
> Any help would be appreciated.
>
> Dave Panek
> KE4MLV
>
>
>
> http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/Pages%20from%2033842914-Transworld-TWPP-Portable-Power-Source-Operator-and-Tech!
> nical-Manual_1.jpg
> <http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/Pages%20from%2033842914-Transworld-TWPP-Portable-Power-Source-Operator-and-Technical-Manual_1.jpg>
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-Transworld-TWPP-Portable-Power-Source-Operator-and-Technical-Manual_1.jpg>
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> View on i1201.photobucket.com
> <http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/Pages%20from%2033842914
-Transworld-TWPP-Portable-Power-Source-Operator-and-Technical-Manual_1.jpg>
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> Preview by Yahoo
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> http://i1! 201.photobucket.com/albums/bb345/falcom5000/Transworld/transworld1.jpg
> <http://i1201.photobucket.com/albums/bb345/falcom5000/Transworld/transworld1.jpg>
>
>

1501. Fw: Bad News Ebay Buyer/Seller

Yahoo group: transworld_radio
Date: 2016-12-01 19:27:33 UTC
From: Dennis
Topic: 1501 Message: 1501

If you have a chance to avoid this guy, do so at all cost! Do not buy from, or sell to, him. Block him from bidding on your ebay sales. I promise you, if your exposed to this guy you will suffer. Aside from myself, other members of this group have had bad experiences associated with him. Spread the word.

ROGER GOTTHEIMER <gotco.inc@...>
ebay ID: 26footdish Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1502. Re: [transworld_radio] Bad News Ebay Buyer/Seller

Yahoo group: transworld_radio
Date: 2016-12-01 21:12:45 UTC
From: Dennis
Topic: 1501 Message: 1502

As this particular group is directly affected I will provide a little more detail.
Some of you may remember this guy's incoherent rambling about achieving better AM with a TW7000 a couple months ago. Ignoring him didnt make him go away so he was finally removed from the group.

He purchased a TW7000 from a one of our members on ebay. He filed an unnecessary "not as advertised" claim, got his money back, kept the radio, and gave the seller(known to many of us) negative FB. So he had both the radio, and his money.

He bought a Metron amp from another member of this group, filed another claim "not as advertised"(he said it had a rattle), returned the amp at the seller's expense, got a full refund, then gave the seller negative feedback. There was nothing wrong with the amp. The supposed rattle was the ferrite beads on the DC input line. I suspect his plan was to be the same as the TW7000 above keeping both the item & getting his money back, but it backfired on him.
I bought a TW7000 from him, possibly the same one listed above. It arrived not as advertised, and setting on 27.185.

Three weeks of multi daily messages, constantly contradicting, often deceptive communication, have yet to resolve the issue.
Gottheimer is not a Ham and apparently never has been one. According to the FCC data base he holds no current license of any kind. The only listing in the FCC archives is for a commercial license of some kind(long expired). He will at times claim be a dealer of this type equipment(Gotco), then deny it later if convenient.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Dennis spike.dennis@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: yahoogroups <transworld_radio@yahoogroups.com>
Sent: Thursday, December 1, 2016 1:27 PM
Subject: [transworld_radio] Fw: Bad News Ebay Buyer/Seller

#yiv5912130942 #yiv5912130942 -- #yiv5912130942 .yiv5912130942ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5912130942
div.yiv5912130942ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv5912130942
div.yiv5912130942photo-title a, #yiv5912130942 div.yiv5912130942photo-title a:active,
#yiv5912130942 div.yiv5912130942photo-title a:hover, #yiv5912130942
div.yiv5912130942photo-title a:visited {text-decoration:none;}#yiv5912130942
div.yiv5912130942attach-table div.yiv5912130942attach-row {clear:both;}#yiv5912130942
div.yiv5912130942attach-table div.yiv5912130942attach-row div {float:left;}#yiv5912130942
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5912130942
div.yiv5912130942ygrp-file {width:30px;}#yiv5912130942 div.yiv5912130942attach-table

div.yiv5912130942attach-row div div a {text-decoration:none;}#yiv5912130942 div.yiv5912130942attach-table div.yiv5912130942attach-row div div span {font-weight:normal;}#yiv5912130942 div.yiv5912130942ygrp-file-title {font-weight:bold;}#yiv5912130942 #yiv5912130942If you have a chance to avoid this guy, do so at all cost! Do not buy from, or sell to, him. Block him from bidding on your ebay sales. I promise you, if your exposed to this guy you will suffer. Aside from myself, other members of this group have had bad experiences associated with him. Spread the word.
ROGER GOTTHEIMER <gotco.inc@...>
ebay ID: 26footdish

1503. Ebay Transworld nut job

Yahoo group: transworld_radio
Date: 2016-12-10 01:43:28 UTC
From: Dennis
Topic: 1503 Message: 1503

Just for laughs have a look. This is the same nut job referred to in previous messages.
Datron Transworld TW7000 Transceiver 1.6 to 30 MHz | eBay

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| $ 650.0 | |

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Datron Transworld TW7000 Transceiver 1.6 to 30 MHz | eBay
Datron Transworld electronics model TW7000 hf transceiver HF ame ssb cw. 125 watt pep. I have updated the firmwa... | |

|

|

 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1504. Re: [transworld_radio] Ebay Transworld nut job

Yahoo group: transworld_radio
Date: 2016-12-10 01:54:24 UTC
From: Brian Gieryk
Topic: 1503 Message: 1504

I am pretty sure you can have some recourse with eBay for what he has posted. Maybe even legal recourse, should you be REALLY board...

Brian
KE6IYC

Sent from my iPhone

> On Dec 9, 2016, at 18:43, Dennis spike.dennis@yahoo.com [transworld_radio] <transworld_radio@yahoogroups.com> wrote:
>
> Just for laughs have a look. This is the same nut job referred to in previous messages.
>
> Datron Transworld TW7000 Transceiver 1.6 to 30 MHz | eBay
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>
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> Dennis Starks
> Military-Radio-Guy
> KBØSFP
> HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm
>

1505. Re: [transworld_radio] Ebay Transworld nut job

Yahoo group: transworld_radio
Date: 2016-12-10 01:58:26 UTC
From: Dennis
Topic: 1503 Message: 1505

It would be pretty easy to get it pulled. But no, I want everybody to see it. It's mostly BS, but it's also fun messing with the nut job.

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Brian Gieryk ke6iyc@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: transworld_radio@yahoogroups.com
Sent: Friday, December 9, 2016 7:54 PM
Subject: Re: [transworld_radio] Ebay Transworld nut job

#yiv5090403607 #yiv5090403607 -- #yiv5090403607 .yiv5090403607ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv5090403607 div.yiv5090403607ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv5090403607 div.yiv5090403607photo-title a, #yiv5090403607 div.yiv5090403607photo-title a:active, #yiv5090403607 div.yiv5090403607photo-title a:hover, #yiv5090403607 div.yiv5090403607photo-title a:visited {text-decoration:none;}#yiv5090403607 div.yiv5090403607attach-table div.yiv5090403607attach-row {clear:both;}#yiv5090403607 div.yiv5090403607attach-table div.yiv5090403607attach-row div {float:left;}#yiv5090403607 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv5090403607 div.yiv5090403607ygrp-file {width:30px;}#yiv5090403607 div.yiv5090403607attach-table div.yiv5090403607attach-row div div a {text-decoration:none;}#yiv5090403607 div.yiv5090403607attach-table div.yiv5090403607attach-row div div span {font-weight:normal;}#yiv5090403607 div.yiv5090403607ygrp-file-title {font-weight:bold;}#yiv5090403607 #yiv5090403607

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Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

1506. TW5201 Remote control

Yahoo group: transworld_radio
Date: 2016-12-16 22:27:06 UTC
From: Chuck
Topic: 1506 Message: 1506

I am working on my remote control and found that the Service Manual in the file section is for the RT5201!

It is different enough that I need the Service Manual for the TW5201.

Does anyone have a copy of that one?? I would like to get either a paper copy and scan it or a PDF.

It is nice to be able to blow the 8.5x11 schematics up to 11x17 or larger to work on the unit without having to squint ! ! :-)

Thanks,

Chuck
N7UVZ
Carson City, NV

1507. Re: TW5201 Remote control

Yahoo group: transworld_radio
Date: 2016-12-16 22:43:50 UTC
From: belarok@...
Topic: 1506 Message: 1507

Chuck,

The manual you seek was too large in size to post to the files section of this group. It is posted to my box account. You can access the file via the following link:

https://app.box.com/s/jobg3s8k287uhjaobvvstlsxwh7cmz3p
https://app.box.com/s/jobg3s8k287uhjaobvvstlsxwh7cmz3p

Good luck and 73,

Alex
K2AJR

1508. AM Hetrodyne Whistle

Yahoo group: transworld_radio
Date: 2016-12-31 20:55:49 UTC
From: Chris Litavecz
Topic: 1508 Message: 1508

Hello. I'm new to this group and bought a TW100 recently. I haven't had a whole lot of time to mess with it,but I did run it off a couple of 12V AGM batteries hooked up in series (the radio runs on 24-28V) for a little while. Two things I noticed were the radio itself emits a high pitched "whine" is the best way I can describe it. Also when listening in AM mode the radio seems to still be in USB. So you hear that high pitch whistle. From what I've read in the owners/service manuals,the AM mode is just there so you can transmit to another AM station. The RX is still in USB mode. Am I correct in how this works? Also,sensitivity seems a little low.How often should alignment be checked?Has anyone done some modifications to enhance performance?Just curious.Not a whole lot of info. on the web about these radios.Thanks for any feedback!
Happy New Year
Chris KD9FMU

1509. Re: [transworld_radio] AM Hetrodyne Whistle

Yahoo group: transworld_radio
Date: 2017-01-01 02:51:03 UTC
From: Dennis
Topic: 1508 Message: 1509

If you'll check our message archives you'll see that the TW100 does not have an AM product detector. This is common in many military/commercial radios. You've just got to use the clarifiar to zero beat an AM signal, that's what it's for.
Likewise, the TW100 is a very poor performer in AM transmit. The AM mode in this radio is best suited as an aid when using an antenna tuner.
I watched when your radio sold. I assumed that it went so high because the buyer had a specific need for the 24 volt radio, apparently not.
I cant comment on your radios sensitivity. Alignment is very seldom required. The few viable modifications are contained in our files section.
 Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack, Monitor all: 3996usb, 5357usb, 7296usb, 14342.5usb, 18157.5usb, 29.4fm, 51.0fm

From: "Chris Litavecz clitavecz@... [transworld_radio]" <transworld_radio@yahoogroups.com>
To: "transworld_radio@yahoogroups.com" <transworld_radio@yahoogroups.com>
Sent: Saturday, December 31, 2016 2:55 PM
Subject: [transworld_radio] AM Hetrodyne Whistle

<!--#yiv6741604937 #yiv6741604937 .yiv6741604937ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6741604937 div.yiv6741604937ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6741604937 div.yiv6741604937photo-title a, #yiv6741604937 div.yiv6741604937photo-title a:active, #yiv6741604937 div.yiv6741604937photo-title a:hover, #yiv6741604937 div.yiv6741604937photo-title a:visited {text-decoration:none;}#yiv6741604937 div.yiv6741604937attach-table div.yiv6741604937attach-row {clear:both;}#yiv6741604937 div.yiv6741604937attach-table div.yiv6741604937attach-row div {float:left;}#yiv6741604937 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6741604937 div.yiv6741604937ygrp-file {width:30px;}#yiv6741604937 div.yiv6741604937attach-table div.yiv6741604937attach-row div div a {text-decoration:none;}#yiv6741604937 div.yiv6741604937attach-table div.yiv6741604937attach-row div div span {font-weight:normal;}#yiv6741604937 div.yiv6741604937ygrp-file-title {font-weight:bold;}#yiv6741604937 -->

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Also,sensitivity seems a little low.How often should alignment be checked?Has anyone done some modifications to enhance performance?Just curious.Not a whole lot of info. on the web about these radios.Thanks for any feedback!

Happy New Year
Chris KD9FMU

1510. Re: AM Hetrodyne Whistle

Yahoo group: transworld_radio
Date: 2017-01-01 16:46:47 UTC
From: george@...
Topic: 1508 Message: 1510

Chris, the radio is basically a 12 volt radio, except for the PA. The usual configuration has a 13.8 input and a 12V regulator, the 13.8 direct to the PA. Yours has 28V in to a 28 to 12V regulator, 28 direct to the PA and the 12 volts to the rest of the rig, as in the 13.8 volt model.

As Dennis points out, all radios of this type are not really made for AM. I'm guessing they have it to comply with some industry or government requirement. But it isn't their strong point. It's a SSB rig. Most have LSB and USB, some just have USB, as I found out with my second one. But I managed to come up with the IF module with the filters for both and fix that.

Good luck.

GeorgeC
W2DB

1511. Re: AM Heterodyne Whistle

Yahoo group: transworld_radio
Date: 2017-01-01 19:56:42 UTC
From: Bruno W4AFK
Topic: 1511 Message: 1511

TW100's "AM" mode is really "AME" (AM Equivalent). The radio transmits in SSB but injects a carrier that is ~6db down in TX mode. In RX mode, you need to zero beat as there is no AM RX in that radio, just SSB.

I have a stock TW100 that never needed any adjustment while I was using it. It's fully functional and now carefully stored in the attic as I use more compact and modern HF radios like the IC7300, FTDX-1200, etc. As the TW100 is essentially channelized, it's not very convivial for ham radio use. I keep the TW100 w/manual for memories (I trained people down to component level on that radio, circa 1990-92 :))

Bruno Haineault, W4AFK

[Local: Icom IC-7300, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 & ID-51A D-Star, Hytera PD782 & MD782 DMR, Yaesu VX-8R V/UHF FM. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, B&W BWDS-90N Broadband Dipole (inv V @ 55 feet), 100m "long wire" w/MFJ-994BRT tuner, Ameritron ALS-600S amp, RemoteRig - see QRZ]

1512. Re: AM Hetrodyne Whistle

Yahoo group: transworld_radio
Date: 2017-01-06 05:23:10 UTC
From: clitavecz@...
Topic: 1508 Message: 1512

Thanks for the reply,George. I may end up replacing the the 24v voltage regulator with a 12v one out of a donor radio.I also want to be able to control the amount of transmit power.I seem to remember a mod. that can be done to achieve this in the files section of this group.

1513. Re: AM Heterodyne Whistle

Yahoo group: transworld_radio
Date: 2017-01-06 05:28:25 UTC
From: clitavecz@...
Topic: 1511 Message: 1513

Thanks,Bruno. So you worked at Transworld back then? Interesting. Yeah, won't be working any contests on this radio! Very interesting radio,though.

1514. Re: AM Heterodyne Whistle

Yahoo group: transworld_radio
Date: 2017-01-07 02:28:35 UTC
From: Bruno W4AFK
Topic: 1511 Message: 1514

Yep . and I still work there but from our Florida offices. I run Sales Engineering (global HF/VHF systems) :)

Bruno Haineault, W4AFK

[Local: Icom IC-7300, Hi-Q Piranha 4/80 antenna & Heil PR-781 mic, ID-5100 & ID-51A D-Star, Hytera PD782 & MD782 DMR, Yaesu VX-8R V/UHF FM. Remote: Kenwood TS-480SAT, GAP Titan DX antenna, B&W BWDS-90N Broadband Dipole (inv V @ 55 feet), 100m "long wire" w/MFJ-994BRT tuner, Ameritron ALS-600S amp, RemoteRig - see QRZ]

1515. TW7000F CPU Board LED flashing

Yahoo group: transworld_radio
Date: 2017-03-15 07:20:33 UTC
From: juergenkahl843@...
Topic: 1515 Message: 1515

Dear all,

I address to you as when I was meandering through worldwide web I saw that you probably could help us with a technical problem concerning TW7000.

We have a TW 7000 SN 38466 (Version 701L) with antenna tuner AT 7000F SN 38553 here onsite and it causes some problems to us as we want to sell it and thought we should have a look on it before. We located an error on its processor board (# 738210, Rev. "D" with label Rev. "E" on it). The equipment starts without error, mentioning: TW 7000 // Vers. 701L // Modules OK. Only 7 seconds later the red fault LED on the processor board flashes for an instant, and afterwards every 4 seconds for an instant. If you press the Alpha Key there is no display on the screen, mode is not shown. If you want to enter for example frequency the equipment starts anew with board test.

Do you have any idea? Unfortunately, we have no service manual, only some pages from the internet.